Ohio Labor Market Information

Labor Market Review

September 1986

Summary In September the seasonally adjusted unemployment rate in Ohio was 8.5 percent, up from 8.2 percent in August, according to the most recent Current Population Survey. The national rate also rose from 6.8 percent in August to 7.0 percent in September. Ohio's civilian labor force, at 5,158,000, was down 3,000 from August. The number of jobless Ohioans increased 17,000 to 438,000. Seasonally adjusted nonagricultural wage and salary employment advanced 2,000, to 4,523,000, as gains in nonmanufacturing divisions were mostly offset by losses in manufacturing industries. (See page 3.)

Factory Employment Ohio's seasonally adjusted manufacturing employment fell 6,000 from August, to 1,089,000 in September. Durable-goods industries accounted for the decrease, due largely to labor-management disputes in primary metal industries. Nondurable-goods employment increased slightly.

Nonmanufacturing Nonmanufacturing employment in Ohio (seasonally adjusted) totaled 3,434,000 in September, up 8,000 from August. Retail trade, services, and government had increases of 2,000 each. No division had an employment reduction.

Over the Year From September 1985 to September 1986, the seasonally adjusted civilian labor force rose 4,000, while total employment increased 42,000. There were 38,000 fewer unemployed workers in September 1986, which lowered the unemployment rate from 9.2 percent to 8.5 percent. The U.S. rate declined slightly, from 7.1 percent to 7.0 percent during the period. Nonfarm wage and salary employment in Ohio was 130,000 above the September 1985 level. All divisions had greater employment in 1986, except manufacturing (-21,000) and mining (-2,000). Services (+ 67,000) and retail trade (+ 46,000) had the largest gains.

Factory Hours and Earnings The average weekly earnings of manufacturing production workers in Ohio rose $6.29 from August, to $487.72 in September. The average workweek, at 42.3 hours, was .4 hours longer. Most industries had higher earnings. Significant increases were registered in motor vehicles and equipment, refrigeration and service machinery, aircraft and parts, and metal forgings and stampings. The end of the canning season sharply reduced earnings in preserved fruits and vegetables.

Benefits and Costs Initial claims numbering 62,981 were filed under the Ohio Unemployment Compensation Law in September, down 5.1 percent from August, but up 14.4 percent from September 1985. Total benefits paid, at $42.9 million, were down 18.2 percent from August. The average benefit check dropped $.37, to $148.77. The average weekly number of benefit recipients was 73,029, down 9,689. At the end of September, there were 193,539 active employer accounts.

Ohio Bureau of Employment Services
Richard F. Celeste, Governor Dr. Roberta Steinbacher, Administrator

Employment Service. The Ohio Bureau of Employment Services helped 48,712 new job applicants in September, down 3.5 percent from August. The number of job openings received from employers rose 5.5 percent, to 21,545. The Employment Services Division made 29,775 job referrals and 14,672 placements.

THE OHIO BUREAU OF EMPLOYMENT SERVICES
CAN SAVE YOU TAX DOLLARS

Some applicants referred through the Ohio Bureau of Employment Services can save your company tax dollars.

If you hire an applicant under the Targeted Jobs Tax Credit program, your company will be eligible to:

- claim a tax credit equal to 50 percent of the first $6,000 in wages paid to the applicant in the first year, and
- claim an additional tax credit equal to 25 percent of the first $6,000 in wages for keeping the worker on your payroll through the second year.

For further information about the Targeted Jobs Tax Credit Program, contact Floyd McInturff at 614-462-7278.

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Seasonally Adjusted Civilian Labor Force & Nonagricultural Wage & Salary Employment Estimates for Ohio[a]

	Estimates (thousands)			Change[b] (in thousands)		Percent Change[c]	
				From Last Month	From Last Year	From Last Month	From Last Year
Household Survey Data							
Civilian Labor Force							
Employment							
Unemployment							
Unemployment Rate							
Employer Survey Data							
Total							
Manufacturing							
Durable Goods							
Nondurable Goods							
Nonmanufacturing							
Mining							
Construction							
Transportation and Public Utilities							
Wholesale Trade							
Retail Trade							
Finance, Insurance and Real Estate							
Services							
Government							
Goods Producing Industries[d]							
Service Producing Industries[e]							

[a]Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. [b]Changes are computed from unrounded numbers. [c]Percentages are computed from unrounded numbers. [f]From the Current Population Survey, a monthly federal survey of approximately 2,500 Ohio households. Estimates represent counts of persons by place of residence provided by the U.S. Bureau of Labor Statistics. [g]From the Current Employment Statistics Survey, a monthly survey of over 10,000 employers conducted by OBES in cooperation with the U.S. Bureau of Labor Statistics. Estimates represent nonagricultural wage and salary jobs by place of work. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January Review. [d]Includes Mining, Construction, and Manufacturing. [e]Includes Transportation and Public Utilities, Wholesale Trade, Retail Trade, Finance, Insurance and Real Estate, Services, and Government.

Seasonally Adjusted Estimates*

Ohio Civilian Labor Force Estimates

Ohio Nonagricultural Wage & Salary Employment

Ohio Nonmanufacturing Wage & Salary Employment

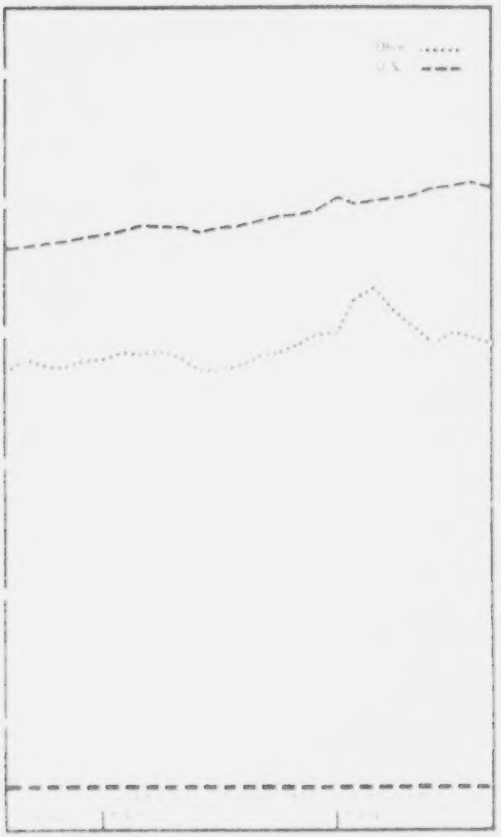
Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade		Retail Trade	Finance, Insurance & Real Estate	Services	Government
					1984				
	24	147	201	216	September	786	222	963	887
	24	150	204	217	October	789	223	965	893
	24	147	201	217	November	788	224	966	894
	23	151	203	217	December	787	224	967	894
					1985				
	23	151	203	217	January	791	225	971	896
	23	148	201	217	February	791	225	973	898
	23	152	201	217	March	795	225	974	900
	23	154	201	217	April	797	226	978	902
	23	156	201	218	May	797	227	980	904
	24	158	202	218	June	798	228	983	906
	26	153	202	218	July	797	229	984	906
	26	155	203	219	August	795	229	984	907
	26	155	202	219	September	798	230	984	909
	26	156	203	219	October	803	231	985	909
	26	156	203	220	November	806	232	988	911
	26	158	204	221	December	810	232	994	914
					1986				
	25	160	204	252	January	820	223	981	677
	26	159	204	253	February	824	224	991	679
	26	158	204	254	March	828	225	997	681
	26	161	204	254	April	831	226	1004	683
	25	162	203	255	May	834	227	1016	678
	25	162	158	254	June	837	228	1021	678
	24	163	202	254	July	837	230	1026	679
	24	163	204	255	August	842	230	1030	679
	24	165	205	255	September	843	230	1031	681

*Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. Annual average data for each series are published on page 6. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January Review.

INDEXES OF TOTAL EMPLOYMENT

OHIO AND U.S.

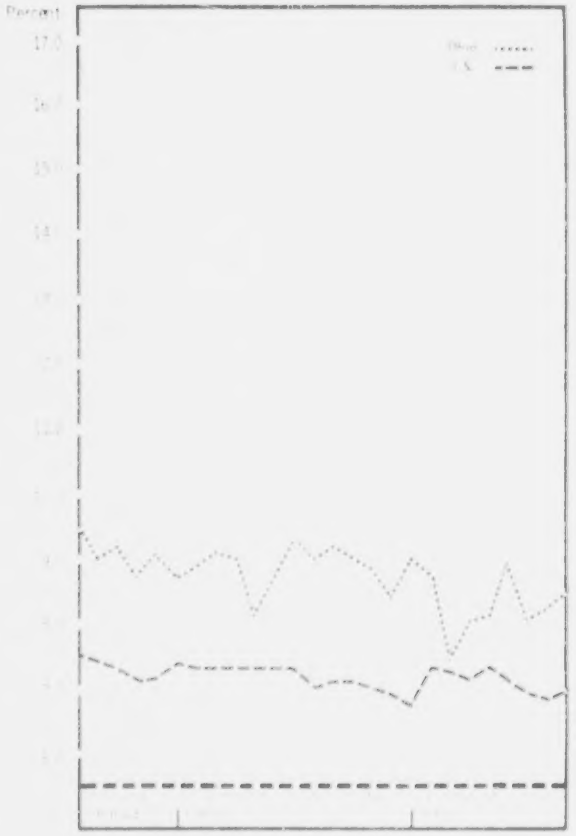
Seasonally Adjusted



UNEMPLOYMENT RATES

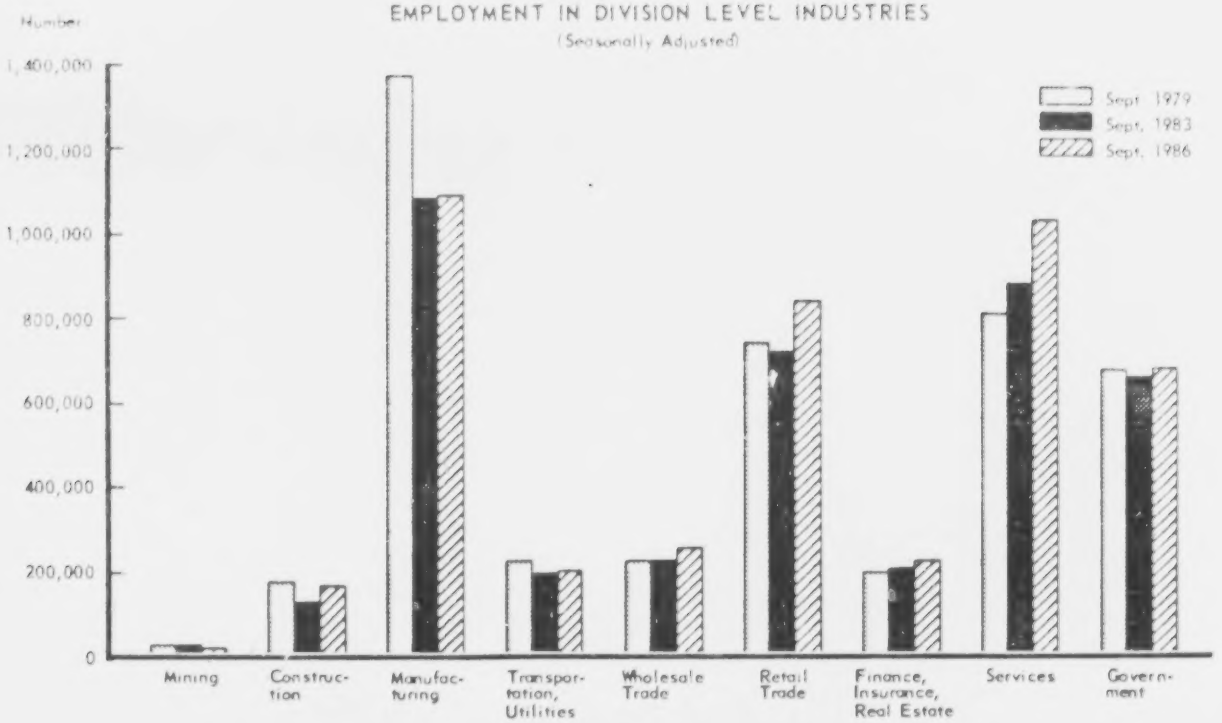
OHIO AND U.S.

Seasonally Adjusted



EMPLOYMENT IN DIVISION LEVEL INDUSTRIES

(Seasonally Adjusted)



Nonseasonally Adjusted Estimates*

Ohio Civilian Labor Force Estimates

(in thousands)

Ohio Nonagricultural Wage & Salary Employment

(in thousands)

Civilian Labor Force: Total	Employed	Unemployed	Unemployment Rate: Ohio	U.S.		Total Nonagricultural	Manufacturing: Total	Durable	Nondurable
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1975	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1976	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1977	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1978	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1979	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1980	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1981	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1982	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1983	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1984	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1985	[illegible]	[illegible]	[illegible]	[illegible]
					[illegible]				
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	September	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	October	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	November	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	December	[illegible]	[illegible]	[illegible]	[illegible]
					1986				
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	January	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	February	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	March	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	April	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	May	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	June	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	July	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	August	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	September	[illegible]	[illegible]	[illegible]	[illegible]

Ohio Nonmanufacturing Wage & Salary Employment

(in thousands)

Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade		Retail Trade	Finance Insurance & Real Estate	Services	Government
[illegible]	26.8	[illegible]	[illegible]	[illegible]	1975	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	28.2	[illegible]	[illegible]	[illegible]	1976	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	29.1	[illegible]	219.1	[illegible]	1977	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	29.0	178.6	225.0	[illegible]	1978	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	31.6	182.9	232.1	232.4	1979	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	30.7	167.4	223.1	232.6	1980	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	30.7	[illegible]	217.2	232.5	1981	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	30.3	[illegible]	206.8	[illegible]	1982	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	26.6	130.8	198.9	222.5	1983	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	27.8	144.8	203.4	236.7	1984	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	26.4	159.1	[illegible]	[illegible]	1985	[illegible]	218.1	[illegible]	[illegible]
					1985				
[illegible]	26.6	172.6	204.3	249.3	September	807.2	221.0	[illegible]	[illegible]
[illegible]	26.5	172.9	204.4	250.3	October	809.9	220.1	[illegible]	[illegible]
3,350.0	26.6	166.6	204.3	250.9	November	821.9	221.2	[illegible]	[illegible]
[illegible]	26.2	[illegible]	204.4	251.2	December	838.7	221.6	[illegible]	[illegible]
					1986				
3,274.0	25.9	134.9	199.3	249.5	January	802.2	221.3	965.2	[illegible]
3,272.9	25.4	129.8	199.4	249.6	February	790.3	222.0	972.0	[illegible]
3,306.7	24.9	135.7	200.4	251.2	March	801.3	223.0	982.1	[illegible]
3,370.8	25.0	150.9	202.6	253.1	April	821.4	225.1	1,005.4	687.3
3,427.5	25.1	162.5	203.9	254.5	May	836.8	227.4	1,024.9	692.4
3,439.8	25.0	170.8	200.2	255.8	June	843.2	229.9	1,037.9	677.0
3,418.8	25.1	178.2	204.4	255.9	July	843.8	232.5	1,038.1	640.9
3,427.5	24.8	182.0	206.2	256.6	August	850.1	232.8	1,039.8	635.3
[illegible]	24.5	182.9	207.0	256.5	September	853.4	231.5	1,045.8	668.3

*Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages are computed from unrounded figures. All data exclude military personnel.

Employment, Hours & Earnings in Manufacturing in Ohio

Manufacturing Employment

Production Workers in Manufacturing

Production Workers Average Weekly Earnings

Production Workers Average Weekly Hours

Production Workers Average Hourly Earnings

Estimated in cooperation with the U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although some months are subject to revision.
Subtotals may not add to totals due to rounding.

Employment & Average Weekly Earnings in Selected Major Manufacturing Industries in Ohio*

Employment

(Thousands)

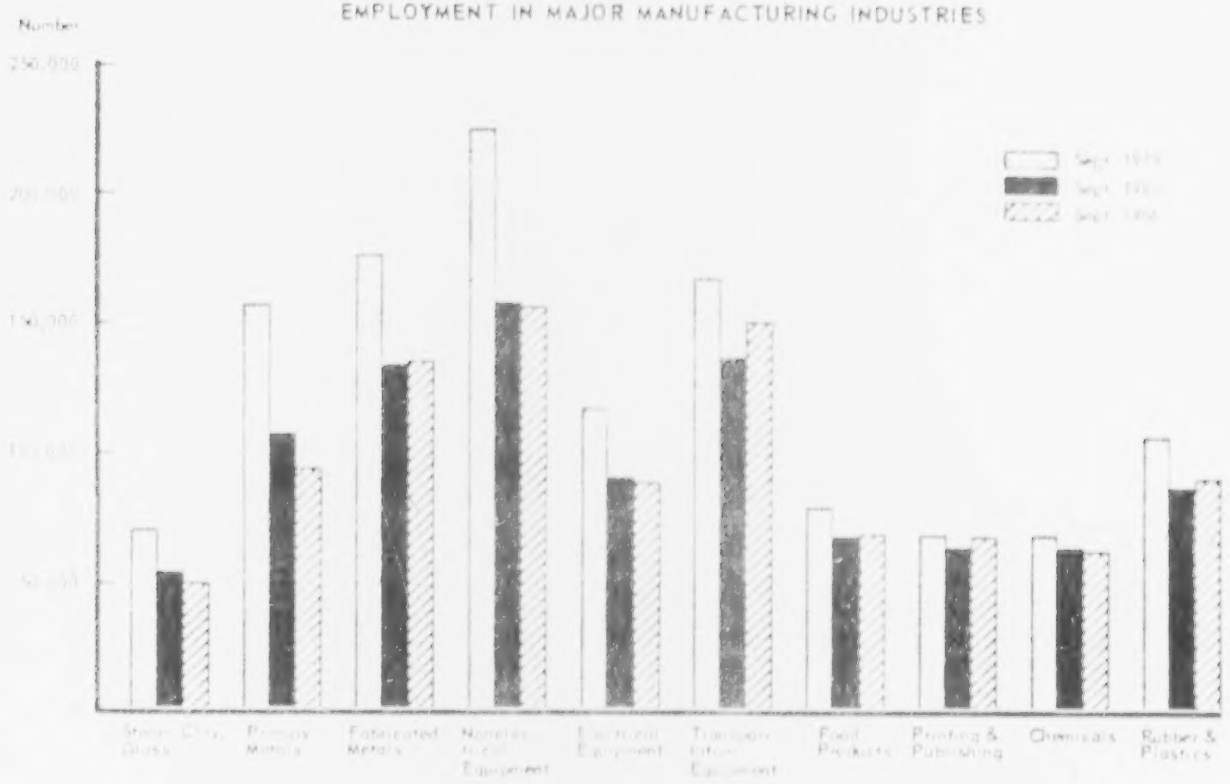
State Div. & Class Products	Primary Metal Industries	Fabricated Metal Products		Machinery Except Electrical	Electrical & Electronic Equipment	Transport Equipment		Food & Kindred Products	Printing & Publishing	Rubber & Plastics Products
69.8	131.5	193.4	1975	202.5	112.8	144.8	1975	71.5	64.6	44.1
68.3	134.6	197.4	1976	205.4	118.1	163.0	1976	73.8	64.8	48.1
67.1	132.7	196.5	1977	210.7	120.9	151.8	1977	74.4	65.4	47.4
69.3	137.5	173.1	1978	216.8	122.1	144.1	1978	74.6	66.6	51.4
69.7	138.9	175.5	1979	223.4	125.6	146.8	1979	74.4	67.6	53.1
64.8	134.8	157.4	1980	211.4	119.4	139.1	1980	73.7	67.4	51.1
61.0	118.3	144.4	1981	194.2	111.9	136.4	1981	69.2	66.1	49.4
54.2	112.7	130.4	1982	176.7	93.4	111.7	1982	66.4	63.2	45.4
52.1	114.1	129.3	1983	174.5	89.4	110.1	1983	63.4	62.8	44.7
52.9	108.9	138.7	1984	167.3	97.1	144.9	1984	62.8	62.1	46.6
56.4	102.7	138.4	1985	168.2	101.5	151.7	1985	62.7	60.4	46.1
			1985				1985			
51.4	98.5	134.1	September	164.1	99.2	150.9	September	65.9	63.0	50.1
51.8	99.0	138.1	October	163.4	99.1	154.5	October	63.5	63.1	50.1
51.0	101.3	139.6	November	162.9	98.1	153.7	November	63.3	63.1	49.8
49.8	102.7	137.3	December	163.4	99.0	158.4	December	63.1	63.1	49.7
			1986				1986			
49.1	101.0	136.6	January	163.1	98.1	157.9	January	63.6	63.1	49.8
48.8	102.8	136.8	February	160.7	98.2	156.8	February	63.4	63.1	50.1
48.6	102.6	136.7	March	160.8	97.1	154.2	March	63.1	63.0	50.0
48.8	102.5	140.4	April	159.7	98.4	153.8	April	61.6	62.8	50.4
49.0	101.7	125.8	May	158.4	97.5	149.7	May	62.8	62.6	49.9
48.5	100.3	139.9	June	158.2	97.9	152.8	June	61.2	61.8	49.1
48.3	96.9	133.6	July	156.8	97.1	152.3	July	61.8	61.3	48.9
50.6	94.8	133.7	August	156.1	98.4	150.0	August	61.1	61.1	49.0
50.4	92.7	134.9	September	156.1	98.1	150.1	September	61.8	61.0	48.4

Average Weekly Earnings of Production Workers

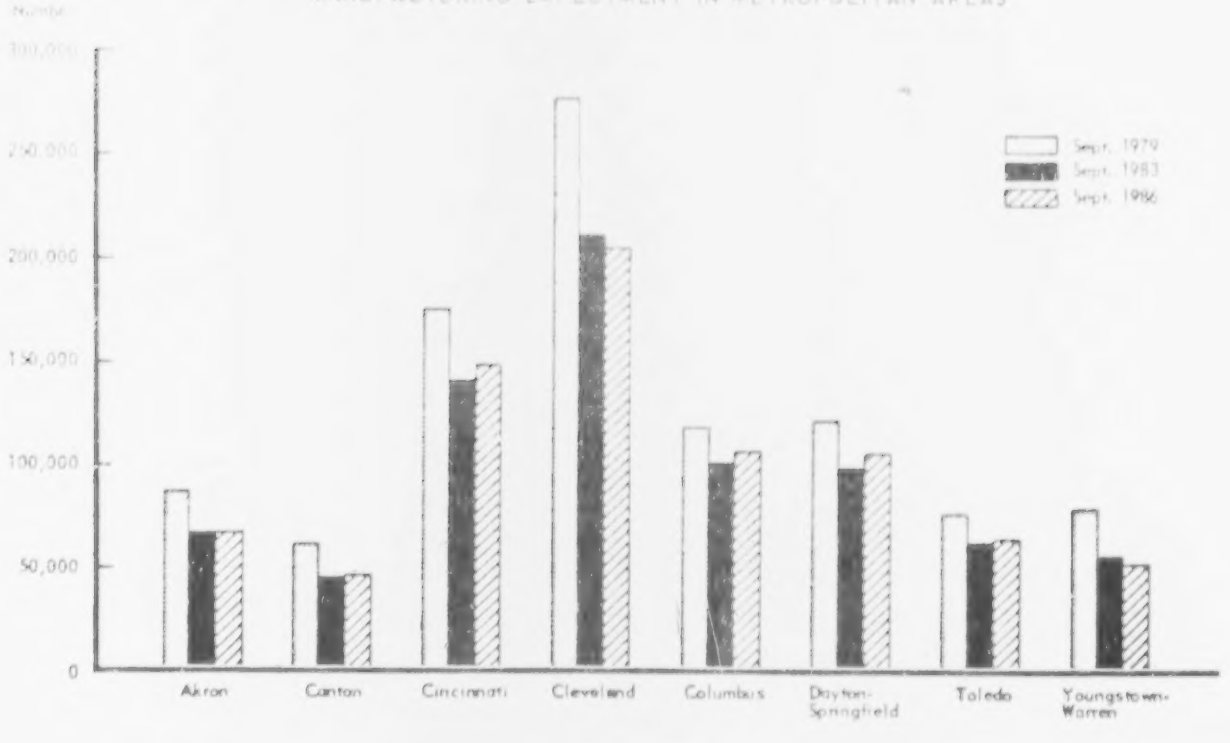
$207.35	$256.46	$224.96	1975	$228.20	$201.33	$263.22	1975	$222.68	$226.49	$223.11
232.42	294.38	256.68	1976	253.41	221.44	302.87	1976	242.92	248.26	241.67
253.45	329.54	290.44	1977	279.18	248.44	339.20	1977	258.54	271.96	263.61
274.81	366.24	307.23	1978	306.16	278.45	389.66	1978	281.23	295.18	282.70
293.14	395.43	323.38	1979	329.09	289.27	391.56	1979	304.58	322.62	304.09
315.43	422.01	349.34	1980	332.77	316.31	414.83	1980	329.85	330.92	323.61
348.92	484.04	389.61	1981	389.16	390.27	471.50	1981	362.73	347.70	366.67
376.88	480.54	398.77	1982	392.63	366.56	506.94	1982	386.64	358.43	391.12
430.17	503.85	460.65	1983	424.09	394.63	557.92	1983	403.79	370.62	422.22
479.15	537.21	479.30	1984	467.61	429.65	603.46	1984	429.14	386.30	457.99
434.30	548.83	492.15	1985	475.58	433.30	635.26	1985	413.23	395.14	459.17
			1985				1985			
419.95	553.50	487.39	September	478.13	435.59	638.17	September	423.47	405.32	441.63
441.84	541.86	490.98	October	478.41	446.71	653.05	October	408.93	399.36	424.38
441.21	549.67	496.93	November	476.72	449.77	668.70	November	404.33	421.08	433.68
441.60	565.30	519.50	December	489.46	466.99	677.37	December	403.87	424.51	441.23
			1986				1986			
437.22	555.59	500.65	January	480.11	454.30	649.52	January	405.32	403.37	442.96
434.84	561.19	496.18	February	483.31	460.06	652.24	February	402.98	400.62	438.44
446.37	550.78	506.32	March	489.20	459.80	644.67	March	395.39	408.67	438.60
444.11	546.40	495.01	April	482.22	452.79	632.60	April	399.10	398.91	423.43
446.37	547.80	486.36	May	481.20	451.28	620.54	May	419.67	407.33	423.15
443.56	546.89	494.06	June	483.07	450.58	616.40	June	417.91	402.80	443.66
442.24	548.05	472.65	July	473.30	448.11	600.66	July	431.04	406.75	431.38
449.86	566.46	486.99	August	481.85	452.35	616.40	August	422.99	410.80	438.65
448.45	570.10	491.84	September	485.83	465.30	626.89	September	415.94	421.30	442.61

*Estimated in cooperation with the U.S. Bureau of Labor Statistics. Data for latest month are preliminary although other months are subject to revision.

EMPLOYMENT IN MAJOR MANUFACTURING INDUSTRIES



MANUFACTURING EMPLOYMENT IN METROPOLITAN AREAS



Nonagricultural Wage & Salary Employment[1]

	Employment			Change[2]	
TOTAL					
MANUFACTURING					
Durable Goods					
Lumber and wood products					
Furniture and fixtures					
Stone, clay and glass products					
Glass and glassware, pressed or blown					
Primary metal industries					
Fabricated metal products					
Cutlery, handtools and hardware					
Fabricated structural metal products					
Metal forgings and stampings					
Machinery, except electrical					
Construction and related machinery					
Metalworking machinery					
Special industry machinery					
General industrial machinery					
Office and computing machines					
Refrigeration and service machinery					
Electrical and electronic equipment					
Electrical industrial apparatus					
Household appliances					
Electric lighting and wiring equipment					
Communication equipment					
Transportation equipment					
Motor vehicles and equipment					
Aircraft and parts					
Instruments and related products					
Measuring and controlling devices					
Nondurable Goods					
Food and kindred products					
Meat products					
Dairy products					
Preserved fruits and vegetables					
Bakery products					
Beverages					
Apparel and other textile products					
Paper and allied products					
Misc. converted paper products					
Paperboard containers and boxes					
Printing and publishing					
Newspapers					
Commercial printing					
Chemicals and allied products					
Industrial inorganic chemicals					
Rubber and misc. plastics products					
Tires and inner tubes					
Miscellaneous plastics products					

See footnotes on page 13

Nonagricultural Wage & Salary Employment[a]

Ohio (continued)

	Employment (in thousands)			Change[d] (in thousands)	
	September [illegible]	August [illegible]	September [illegible]	From Last Month	From Last Year
NONMANUFACTURING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MINING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CONSTRUCTION	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TRANSPORTATION AND PUBLIC UTILITIES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] services	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WHOLESALE TRADE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
RETAIL TRADE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
General merchandise stores	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Department stores	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Food stores	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Automotive dealers & service stations	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Apparel and accessory stores	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Eating and drinking places	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
FINANCE, INSURANCE, AND REAL ESTATE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Banking	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Credit agencies other than banks	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Insurance carriers	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Life insurance	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Fire, marine, and casualty insurance	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SERVICES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Hotels and other lodging places	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Personal services	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Laundry, cleaning, & garment services	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Business services	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Services to buildings	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Computer and data processing services	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Amusement and recreation services	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Health services	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Nursing and personal care facilities	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Hospitals	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Educational services	50.7	49.7	[illegible]	[illegible]	[illegible]
Colleges and universities	33.9	26.1	31.7	[illegible]	[illegible]
GOVERNMENT	668.3	636.3	637.6	[illegible]	[illegible]
Federal government	93.5	93.2	92.5	[illegible]	[illegible]
State government	[illegible]	131.4	130.7	11.4	[illegible]
State government education	[illegible]	58.2	56.7	12.7	2.2
State government except education	[illegible]	75.1	75.0	– 1.2	5.0
Local government	[illegible]	415.5	426.6	22.0	4.1
Local government education	245.0	217.8	242.9	27.2	2.1
Local government except education	187.5	192.8	185.5	– 5.2	2.0

See footnotes on page 13

Hours & Earnings of Production or Nonsupervisory Workers[1]

Ohio

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
MANUFACTURING									
Durable Goods[2]									
Lumber and wood products									
Furniture and fixtures									
Stone, clay and glass products									
Glass and glassware, pressed or blown									
Primary metal industries									
Blast furnace and basic steel products									
Iron and steel foundries									
Nonferrous rolling and drawing									
Fabricated metal products									
Cutlery, handtools and hardware									
Fabricated structural metal products									
Metal forgings and stampings									
Machinery, except electrical									
Construction and related machinery									
Metalworking machinery									
Special industry machinery									
General industrial machinery									
Office and computing machines									
Refrigeration and service machinery									
Electrical and electronic equipment									
Electrical industrial apparatus									
Household appliances									
Electric lighting and wiring equipment									
Communication equipment									
Transportation equipment									
Motor vehicles and equipment									
Aircraft and parts									
Instruments and related products									
Measuring and controlling devices									
Nondurable Goods									
Food and kindred products									
Meat products									
Dairy products									
Preserved fruits and vegetables									
Bakery products									
Beverages									
Apparel and other textile products									
Paper and allied products									
Misc. converted paper products									
Paperboard containers and boxes									
Printing and publishing									
Newspapers									
Commercial printing									
Chemicals and allied products									
Industrial inorganic chemicals									
Rubber and misc. plastics products									
Tires and inner tubes									
Miscellaneous plastics products									

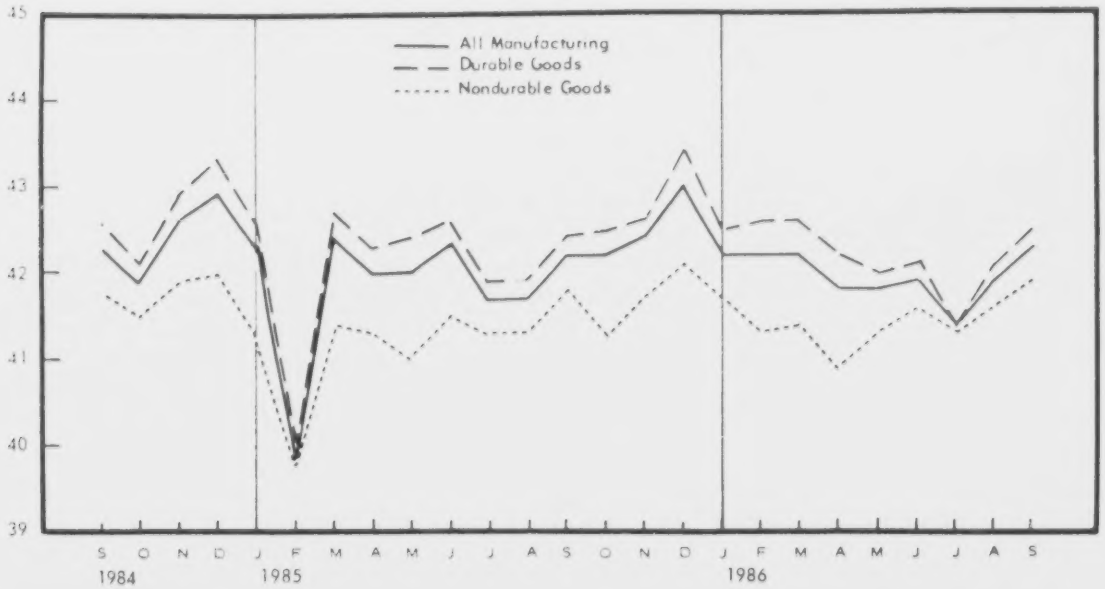
See footnotes on page 13

Hours & Earnings of Production or Nonsupervisory Workers[a]

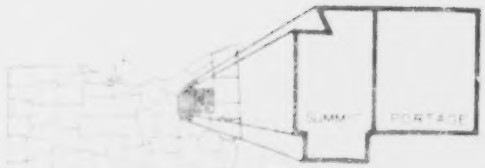
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Sep.[b] 1986	Aug.[c] 1986	Sep.[c] 1985	Sep.[c] 1986	Aug.[c] 1986	Sep.[c] 1985	Sep.[b] 1986	Aug.[c] 1986	Sep.[c] 1985
MINING	$543.60	$524.18	$500.46	45.0	43.5	43.9	$12.08	$12.05	$11.40
Bituminous coal and lignite mining	642.83	631.08	596.09	42.6	42.2	40.8	15.09	14.99	14.61
CONSTRUCTION	588.85	595.81	535.98	39.6	39.8	39.6	14.87	14.97	13.53
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	548.46	536.81	528.96	41.1	41.0	41.1	13.34	13.10	12.87
Communication	539.15	524.88	525.10	41.0	41.3	40.8	13.15	12.70	12.87
Electric, gas, and sanitary services	560.03	551.45	534.52	41.7	41.0	41.5	13.43	13.45	12.88
WHOLESALE TRADE	368.79	366.81	343.18	39.4	39.4	38.3	9.36	9.31	8.97
Wholesale trade-durable goods	368.42	362.61	347.77	39.7	39.5	39.7	9.28	9.18	8.76
Wholesale trade-nondurable goods	370.89	373.01	352.03	39.0	39.1	38.8	9.51	9.54	9.07
RETAIL TRADE[d]	158.53	158.10	159.72	28.9	29.3	28.2	5.52	5.47	5.47
General merchandise stores	181.18	183.92	176.41	29.8	30.4	29.0	6.08	6.05	5.90
Department stores	185.88	188.80	180.90	29.9	30.5	29.0	6.22	6.19	6.03
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	250.61	249.66	234.10	....	....	....	....	....	....
Credit agencies other than banks	242.24	244.47	233.53	....	....	....	....	....	....
Insurance carriers	330.52	327.20	308.36	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
Health services	.....	.....	.....	....	....	....	....	....	....
Hospitals	329.90	321.56	315.22	33.8	33.6	34.3	9.81	9.67	9.23

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. Includes miscellaneous manufacturing, includes food and manufactures, textile mill products, petroleum and coal products, leather and leather products. [e]Mines, payments of a type not included in other State universities, State schools for deaf and blind, and the State Library. Excludes hospitals, the agricultural extens or service, agricultural research centers, and the Ohio Department of Education. Depressed due to labor-management disputes.

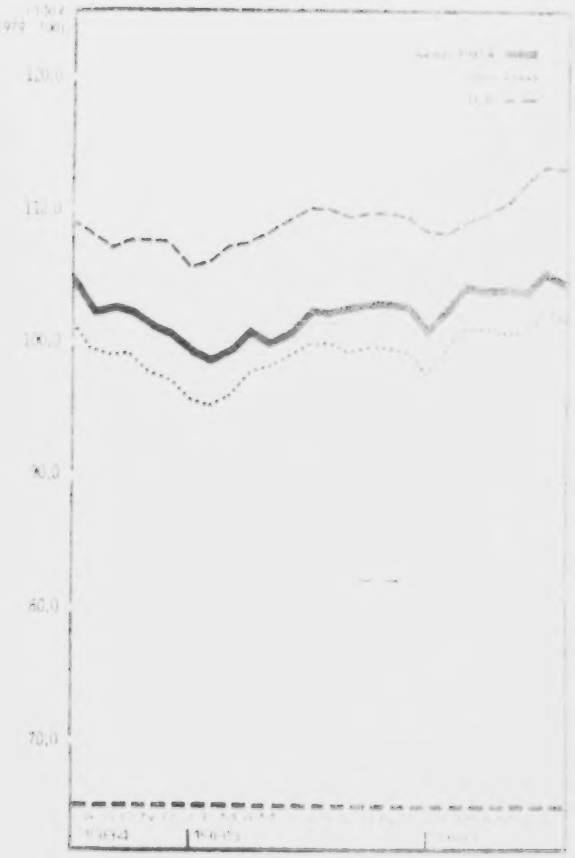
AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS IN OHIO MANUFACTURING INDUSTRIES



AKRON
PRIMARY METROPOLITAN STATISTICAL AREA



INDEXES OF TOTAL EMPLOYMENT
AKRON PMSA, OHIO, AND U.S.



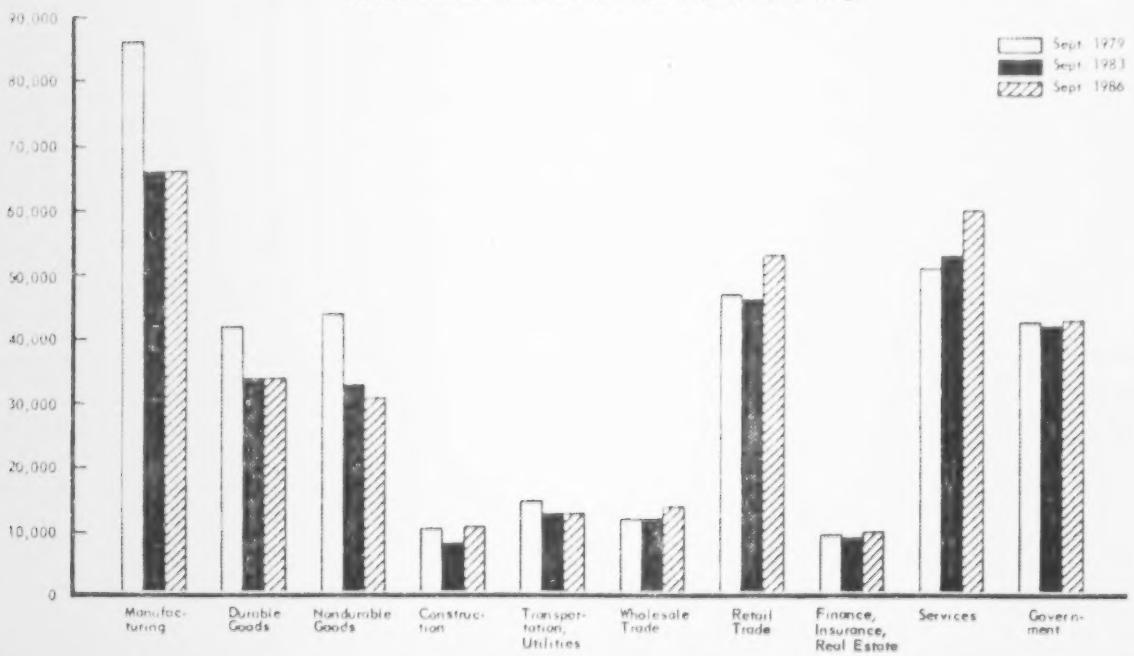
Akron PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed			Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
292.0	274.5	17.7	6.5	1975	248.4	84.5	69.4	$235.87	41.1	$ 5.68
291.3	266.1	25.0	8.6	1976	247.3	83.3	66.5	253.44	42.1	6.02
294.1	274.7	19.5	6.6	1977	253.3	86.8	69.2	280.57	42.3	6.75
298.3	287.3	10.7	3.6	1978	266.6	95.9	77.4	308.14	44.2	7.19
305.8	294.4	10.4	3.4	1979	273.9	97.5	78.8	321.57	43.9	7.51
304.9	278.3	26.3	8.6	1980	266.4	90.1	73.8	331.80	41.5	8.12
304.1	274.4	29.1	9.6	1981	268.5	91.7	75.4	347.10	41.0	8.63
295.3	265.4	30.9	10.5	1982	248.9	77.3	62.0	356.31	41.1	8.84
302.0	275.3	26.7	8.8	1983	254.1	77.5	61.8	366.12	41.1	9.03
315.4	286.9	28.6	9.1	1984	283.3	87.6	70.6	378.60	41.7	9.27
318.4	289.3	29.2	9.2	1985	289.3	91.4	73.3	378.20	41.2	9.30
324.	297.1	27.7	8.5	1986	296.1	93.1	75.1	394.21	42.1	9.53
326.	299.4	26.6	8.1	1987	299.4	93.4	75.4	398.78	42.4	9.63
327.8	303.1	24.7	7.5	1988	305.8	95.4	77.0	406.38	42.1	9.83
327.1	303.1	24.	7.4	1989	309.2	95.7	77.2	406.12	42.1	10.03
327.8	302.7	25.1	7.7	1990	309.2	93.8	75.6	419.60	41.7	10.27
327.1	300.1	27.0	8.2	1991	304.7	91.4	73.7	429.20	41.7	10.48
327.	299.	28.	8.6	1992	304.1	90.7	73.1	441.21	42.1	10.63
327.	299.	28.	8.6	1993	307.1	91.1	73.5	452.71	42.1	10.83
327.	299.	28.	8.6	1994	312.1	92.1	74.3	463.91	42.1	11.03
327.	299.	28.	8.6	1995	317.1	93.1	75.1	475.11	42.1	11.23
327.	299.	28.	8.6	1996	322.1	94.1	75.9	486.31	42.1	11.43
327.	299.	28.	8.6	1997	327.1	95.1	76.7	497.51	42.1	11.63
327.	299.	28.	8.6	1998	332.1	96.1	77.5	508.71	42.1	11.83
327.	299.	28.	8.6	1999	337.1	97.1	78.3	519.91	42.1	12.03
327.	299.	28.	8.6	2000	342.1	98.1	79.1	531.11	42.1	12.23

Data is estimated for November

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
AKRON PRIMARY METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Akron PMSA

	Employment (in thousands)			Change[a] (in thousands)	
	September 1986[b]	August 1986[b]	September 1985[b]	From Last Month	From Last Year
TOTAL	277.9	276.6	275.2	1.3	2.7
MANUFACTURING	84.9	84.5	84.4	.4	.5
Durable Goods	54.4	54.0	53.9	.4	.5
Fabricated metal products	10.1	10.1	10.1	.0	.0
Machinery, except electrical	8.3	8.2	8.4	.1	-.1
Metalworking machinery	3.1	3.1	3.2	.0	-.1
Nondurable Goods	30.5	30.5	30.5	.0	.0
Food and kindred products	5.6	5.6	5.6	.0	.0
Chemicals & allied products	7.3	7.3	7.3	.0	.0
Rubber and miscellaneous plastics products	12.3	12.3	12.3	.0	.0
Tires and inner tubes	3.4	3.4	3.4	.0	.0
NONMANUFACTURING	193.0	192.1	190.8	.9	2.2
CONSTRUCTION	9.5	9.5	9.3	.0	.2
TRANSPORTATION AND PUBLIC UTILITIES	13.1	13.1	13.1	.0	.0
Communication, electric, gas services	6.1	6.1	6.0	.0	.1
WHOLESALE TRADE	14.9	14.9	14.8	.0	.1
RETAIL TRADE	52.7	52.4	51.5	.3	1.2
General merchandise stores	6.7	6.7	6.7	.0	.0
FINANCE, INSURANCE AND REAL ESTATE	12.2	12.2	12.3	.0	-.1
Banking	3.2	3.2	3.2	.0	.0
SERVICES	59.5	59.4	59.2	.1	.3
Business services	13.1	13.1	12.9	.0	.2
Amusement and recreation services	4.4	4.5	4.6	-.1	-.2
Health services	17.3	17.2	17.0	.1	.3
GOVERNMENT	49.7	47.1	48.7	2.6	1.0
State government	18.3	20.3	18.1	-2.0	.2
State government education	12.3	7.6	12.2	4.7	.1
State government except education	3.0	3.1	2.9	-.1	.1
Local government	25.1	24.1	25.5	1.0	-.4
Local government education	12.9	11.9	13.5	1.0	-.6
Local government except education	12.2	12.2	12.0	.0	.2

Hours & Earnings of Production or Nonsupervisory Workers[a]

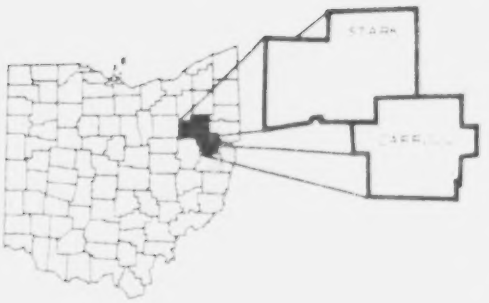
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Sep.[b] 1988	Aug.[c] 1988	Sep. 1987	Sep.[b] 1988	Aug.[c] 1988	Sep. 1987	Sep.[b] 1988	Aug.[c] 1988	Sep. 1987
MANUFACTURING	$491.48	$481.81	$475.76	43.1	43.2	42.9	$11.35	$11.25	$11.09
Durable Goods[d]	505.91	509.20	490.35	43.5	44.2	42.9	11.63	11.55	11.43
Fabricated meta products	541.72	545.44	529.59	46.2	46.9	45.6	11.69	11.65	11.49
Machinery except electrical	499.71	447.00	454.44	47.1	44.3	45.5	9.97	*	*
Meta working machinery	444.43	454.72	417.84	44.0	45.7	43.9	10.10	9.95	9.52
Nondurable Goods	471.08	466.96	453.45	43.1	43.0	42.9	10.93	10.86	10.57
Food and kindred products	442.54	451.20	454.62	42.6	44.3	43.9	10.40	10.2	10.37
Chemicals and allied products	451.69	432.79	437.81	42.9	41.5	42.3	10.53	10.43	10.34
Rubber and misc plastics products	515.97	506.30	473.04	45.5	44.7	43.8	11.34	11.32	10.80
Tires and inner tubes	748.46	747.46	665.98	53.7	53.1	47.2	14.00	14.08	14.11
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	550.68	548.72	548.10	41.7	41.8	41.4	13.18	13.12	13.24
WHOLESALE TRADE	532.62	530.13	524.32	38.8	38.5	38.7	13.73	13.77	13.55
RETAIL TRADE[e]	191.85	193.71	182.69	31.4	31.6	29.4	6.11	6.13	6.21

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. Includes mining. [e]Money payments only, not included. Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. Department of Job and Family Services.

Selected Administrative Program Activities

	September 1988	August 1988	September 1987
Employment Service Program			
New Applicants	3,479	3,832	4,054
Active File of Job Seekers	21,983	22,444	24,196
Referrals to Jobs	1,618	1,782	1,895
Placements	344	342	358
Job Openings Received	1,004	848	703
Job Openings Unfilled	1,197	1,652	926
Unemployment Insurance Program			
Initial Claims	3,158	3,340	4,103
Continued Claims	27,853	26,977	34,437
First Payments	1,030	1,409	1,075
Last Payments	418	384	390
Weeks Compensated	17,033	18,359	18,938
Benefits Paid	$2,419,154	$2,631,635	$2,709,287
Average Weekly Payment	$145.83	$145.62	$147.88

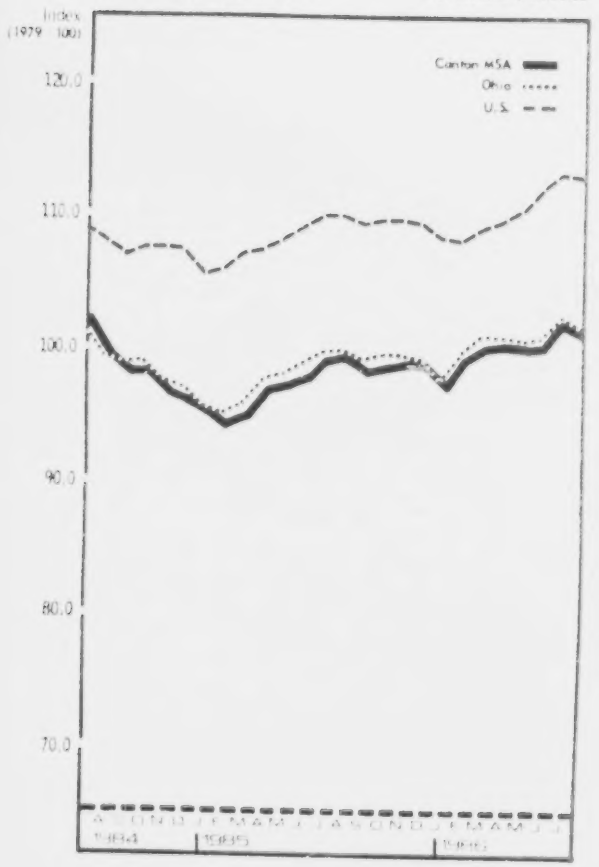
CANTON
METROPOLITAN STATISTICAL AREA



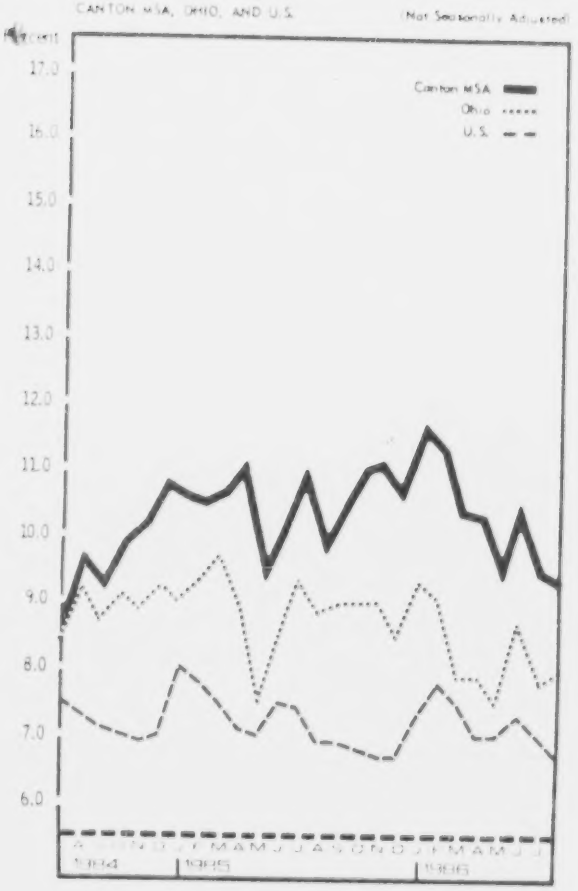
Nonagricultural wage and salary employment for the Canton metropolitan area totaled 159,200 in September, an increase of 1,500 jobs from August. An expansion of 1,400 occurred in nonmanufacturing as local school employment advanced seasonally with the return of nonfaculty personnel. Manufacturing employment remained virtually unchanged at 45,200. Manufacturing production workers averaged 39.8 hours per week, down fractionally from August. Their average hourly earnings rose $.02 from last month, to $11.26.

Nonagricultural employment registered growth of 5,300 from September 1985. Increased employment occurred in all nonmanufacturing industries. Retail trade and services had the greatest gains. A decline of 1,200 manufacturing jobs was recorded, with a noteworthy reduction in fabricated metal products.

INDEXES OF TOTAL EMPLOYMENT
CANTON MSA, OHIO, AND U.S.
(Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CANTON MSA, OHIO, AND U.S.
(Not Seasonally Adjusted)



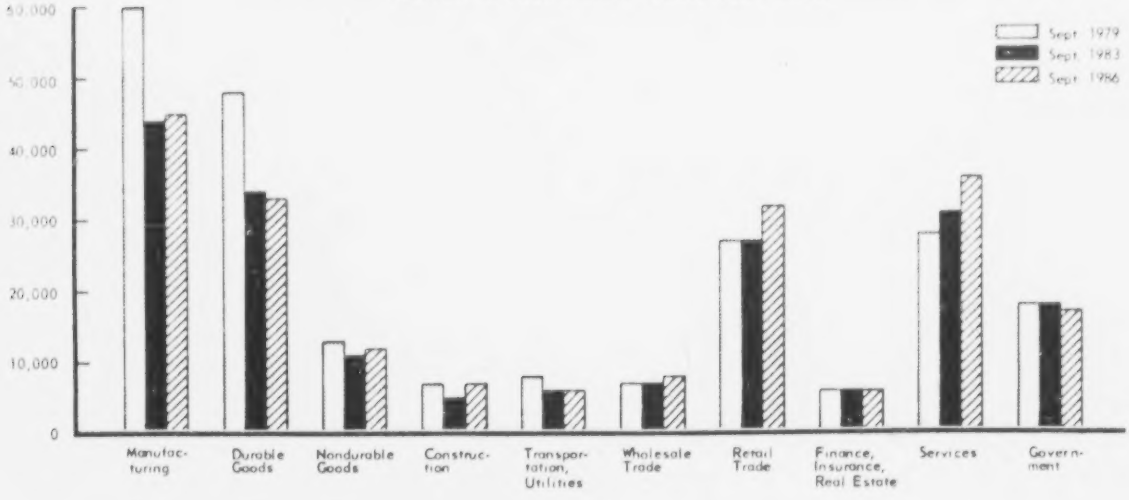
Canton MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed			Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Household Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
174.7	158.0	16.7	9.6	1975	145.0	55.1	41.6	$ 200.62	39.4	$ 5.09
179.6	169.8	9.8	5.4	1976	154.9	60.8	47.4	224.73	40.9	5.49
175.4	163.1	12.3	7.3	1977	160.8	65.0	51.1	247.24	41.7	5.93
170.1	160.8	9.3	5.5	1978	164.1	67.4	53.2	266.27	42.1	6.32
184.3	173.7	10.6	5.7	1979	168.9	69.1	54.2	283.98	42.2	6.73
187.4	170.6	16.8	8.9	1980	167.1	66.7	52.1	304.80	41.9	7.27
189.4	170.1	19.3	9.7	1981	168.6	66.8	52.3	321.44	41.6	7.73
191.4	169.3	22.0	11.4	1982	164.8	61.8	47.7	334.41	40.9	8.17
190.3	169.3	21.0	11.0	1983	167.4	62.6	48.5	344.24	41.0	8.39
189.2	168.2	21.0	11.1	1984	174.1	66.4	52.0	357.63	41.4	8.64
189.9	169.8	20.1	10.6	1985	176.2	67.3	52.8	370.31	41.3	8.97
				1985						
191.1	172.3	18.8	9.8	August	175.1	65.3	51.1	363.20	41.4	8.77
190.8	170.2	20.6	10.8	September	175.8	65.6	51.4	365.26	41.5	8.80
190.8	169.7	21.1	11.1	October	176.0	65.8	51.6	366.30	41.5	8.83
190.7	169.6	21.0	11.1	November	176.3	66.1	51.9	366.63	41.5	8.83
191.1	171.0	20.1	10.5	December	176.7	66.3	52.1	368.34	41.5	8.88
				1986						
191.1	169.3	22.4	11.7	January	175.3	65.9	52.7	367.24	41.1	8.93
190.3	170.4	21.9	11.5	February	175.7	66.1	53.	369.63	41.4	8.93
190.6	170.1	20.6	10.8	March	175.2	65.8	52.8	368.22	41.2	8.94
190.9	170.9	19.9	10.4	April	175.0	65.8	52.8	369.09	41.3	8.94
191.0	173.1	18.1	9.5	May	175.8	65.9	52.9	369.24	41.3	8.94
190.9	170.1	20.9	10.9	June	176.2	65.4	52.5	368.88	41.3	8.93
190.2	171.8	18.8	9.9	July	176.6	65.3	52.4	369.82	41.1	8.99
191.0	170.7	17.3	9.1	August	176.7	65.2	52.3	368.65	41.2	8.94
190.	170.	19.8	10.4	September	177.2	65.3	52.4	369.15	41.3	8.93

Data not available for current month.

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CANTON METROPOLITAN STATISTICAL AREA



Canton MSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[a] (in thousands)	
	September 1986[b]	August 1986[c]	September 1985[c]	From Last Month	From Last Year
TOTAL	159.2	157.7	153.8	1.5	5.3
MANUFACTURING	46.2	45.2	46.4	.1	- 1.0
Durable Goods[d]	33.3	33.3	34.5	.0	- 1.2
Primary metal industries	11.2	11.1	11.1	.2	.2
Fabricated metal products	6.7	6.7	7.3	.0	- .6
Metal forgings and stampings	2.3	2.3	2.8	.0	- .4
Nondurable Goods[d]	11.9	11.8	11.9	.1	.0
Food and kindred products	4.3	4.4	4.4	- .1	- .1
Rubber and misc. plastics products	2.6	2.6	2.8	.0	- .2
NONMANUFACTURING[d]	114.0	112.5	107.5	1.4	6.5
CONSTRUCTION	6.8	6.7	6.2	.1	.6
TRANSPORTATION AND PUBLIC UTILITIES	6.1	6.1	6.0	.0	.1
Communication, electric, gas services	2.7	2.7	2.7	.0	- .1
WHOLESALE TRADE	8.0	8.1	7.9	- .1	.1
Wholesale trade-durable goods	4.5	4.5	4.5	- .1	.0
RETAIL TRADE	32.3	32.1	29.4	.2	2.9
General merchandise stores	3.9	3.9	3.6	.0	.3
Food stores	5.4	5.4	5.1	.0	.3
FINANCE, INSURANCE, AND REAL ESTATE	6.2	6.3	6.2	- .1	.0
Banking	1.8	1.8	1.8	.0	.0
SERVICES	35.9	35.7	33.6	.2	2.3
Health services	14.1	14.1	13.9	.0	.2
GOVERNMENT	17.3	16.2	17.1	1.2	.2
State government (includes education)	1.7	1.7	1.7	.0	.0
Local government	14.3	13.1	14.1	1.2	.2
Local government education	8.3	7.2	8.0	1.1	.3
Local government, except education	6.0	5.9	6.1	.1	- .1

Canton MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

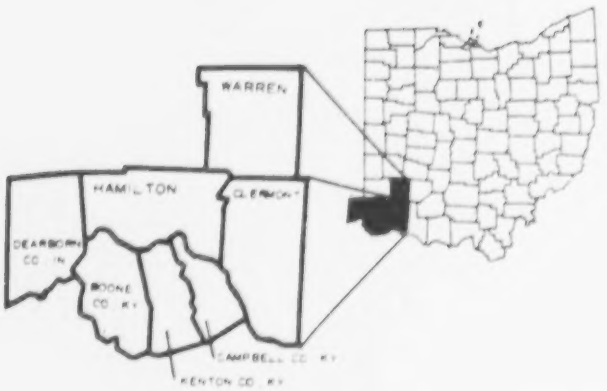
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Sep. 1986[p]	Aug. 1986[r]	Sep. 1985[p]	Sep. 1986[p]	Aug. 1986[r]	Sep. 1985[p]	Sep. 1986[p]	Aug. 1986[r]	Sep. 1985[p]
MANUFACTURING	$448.28	$446.48	$428.82	38.9	39.0	40.0	$11.53	$11.45	$10.72
Durable Goods[b]	468.24	466.44	453.60	39.9	40.0	41.0	11.74	11.66	11.06
Primary metal industries	483.60	482.76	463.32	38.7	39.0	39.6	12.50	12.38	11.70
Fabricated metal products	502.44	516.08	489.30	41.3	42.3	43.0	12.16	12.20	11.38
Metal forgings and stampings	518.76	567.78	533.43	41.7	47.1	47.5	12.43	12.05	11.23
Nondurable Goods	428.43	426.42	395.43	38.7	38.0	39.8	11.07	11.22	9.94
Food and kindred products	444.22	434.84	387.90	39.7	39.0	39.8	11.19	11.15	9.75
Rubber and misc plastics products	429.78	442.26	401.76	40.2	41.0	41.9	10.69	10.79	9.59
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	516.48	511.84	474.60	40.8	41.2	41.2	12.66	12.42	11.52
WHOLESALE TRADE	511.68	511.77	455.28	39.2	39.4	39.9	13.05	12.99	11.41
RETAIL TRADE	214.20	208.78	202.62	28.7	28.4	29.2	7.46	7.35	6.94

[a]See Technical Notes for concepts. [b]Preliminary. [r]Revised. [e]Based on incomplete figures. Durable goods also includes: lumber and wood products, furniture and fixtures, stone, clay, and glass products, machinery except electrical, electric and electronic equipment, transportation equipment, instruments and related products, miscellaneous manufacturing. Nondurable goods also includes: textile mill products, apparel and other textile products, paper and allied products, printing and publishing, chemicals and allied products, petroleum and coal products, leather and leather products. Utilities also includes mining. Where payrolls are not reported, estimates have been made. Suppressed due to confidentiality or insufficient data.

Selected Administrative Program Activities

	September 1986	August 1986	September 1985
Employment Service Program			
New Applicants	1,324	1,397	1,410
Active File of Job Seekers	48,750	49,054	47,830
Referrals to Jobs	674	881	1,108
Placements	302	378	431
Job Openings Received	497	424	599
Job Openings Unfilled	354	402	484
Unemployment Insurance Program			
Initial Claims	5,893	6,475	7,551
Continued Claims	34,281	37,421	43,730
First Payments	720	1,050	1,024
Last Payments	354	414	249
Weeks Compensated	12,734	15,074	14,045
Benefits Paid	$1,755,616	$2,089,248	$2,054,054
Average Weekly Payment	$142.82	$143.37	$151.84

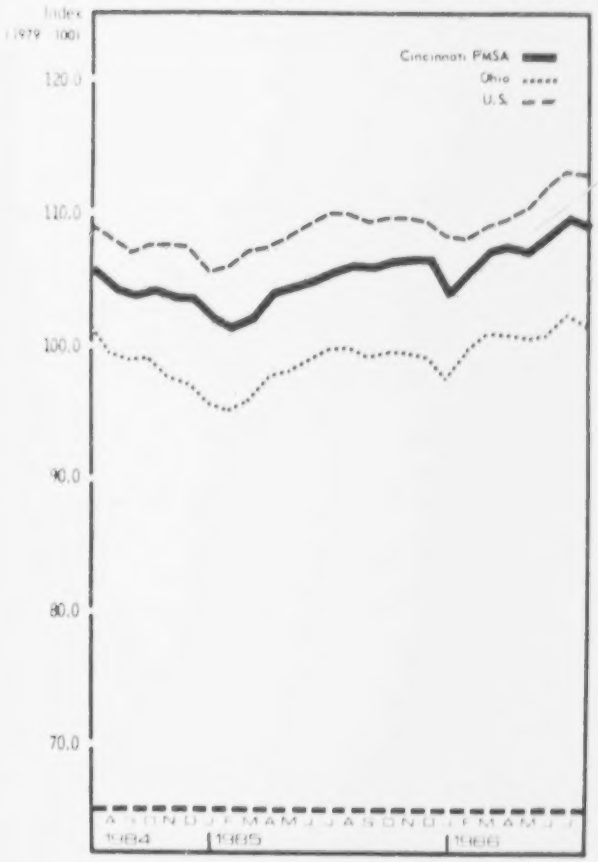
CINCINNATI
PRIMARY METROPOLITAN STATISTICAL AREA



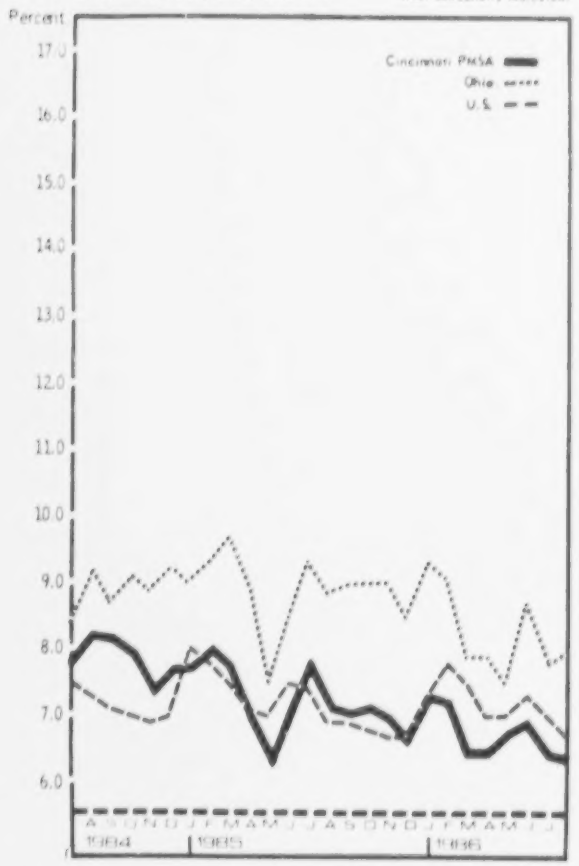
Nonagricultural wage and salary employment in Cincinnati increased 5,300 from August, to 663,800 in September. Nonmanufacturing employment increased 5,100. Seasonal losses in amusement and recreation services were overshadowed by the sharp increase in nonfaculty employment in state and local schools. Factory employment rose slightly to 149,100. Manufacturing production workers averaged $10.78 per hour, up $.05. Their average workweek increased .2 hours, to 42.4 hours.

Nonfarm employment rose 24,900 from September 1985. Significant advances in services and retail trade contributed most to the increase, although nearly every nonmanufacturing industry recorded growth over the year. Manufacturing employment rose 300, with gains in chemicals and allied products and rubber and miscellaneous plastics products offsetting declines in most durable-goods industries.

INDEXES OF TOTAL EMPLOYMENT
CINCINNATI PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)

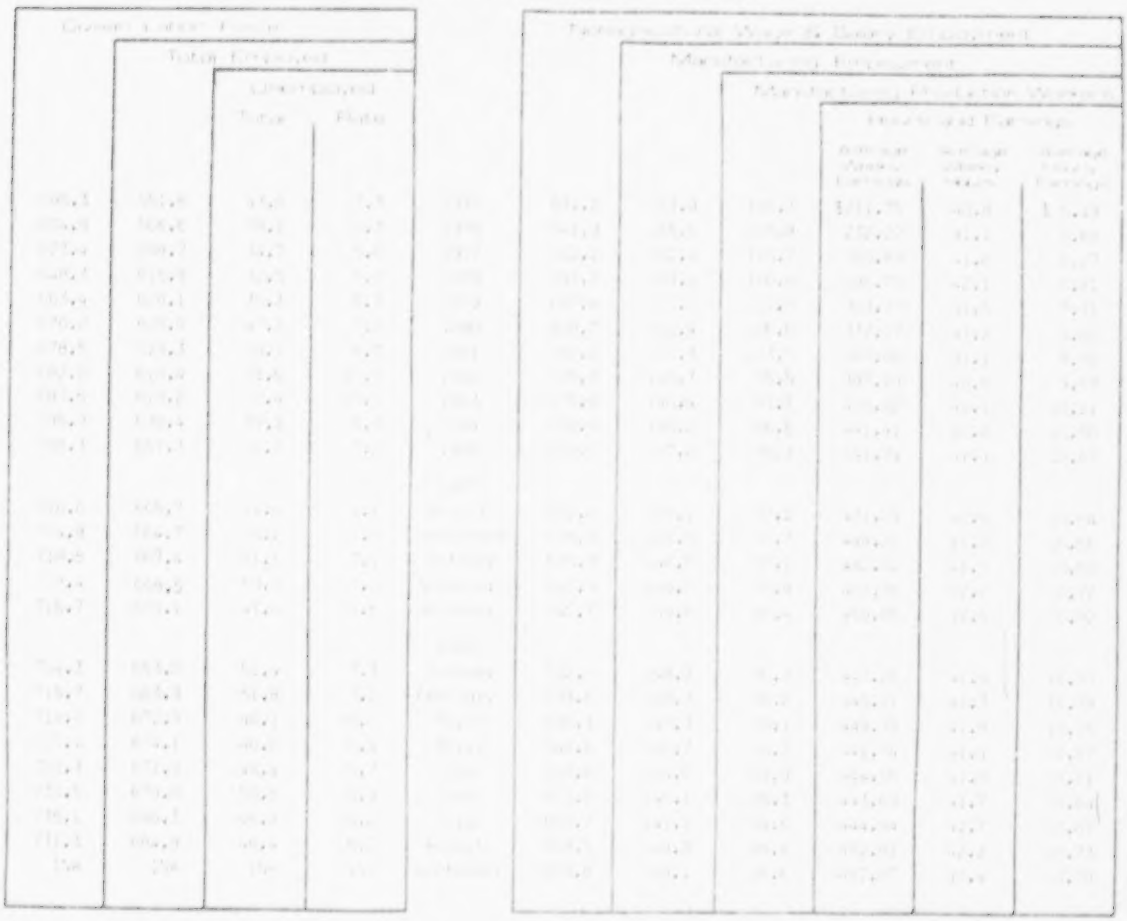


UNEMPLOYMENT RATES
CINCINNATI PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)

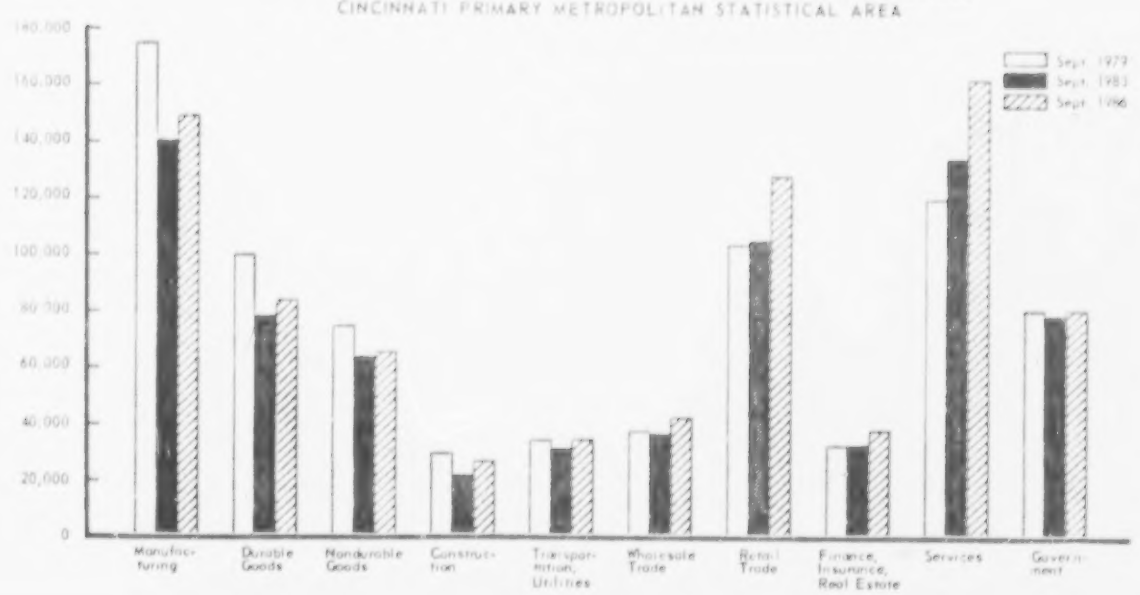


Cincinnati PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)



EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CINCINNATI PRIMARY METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Cincinnati PMSA

	Employment (in thousands)			Change[a] (in thousands)	
	September 1988[p]	August 1988[r]	September 1987[r]	From Last Month	From Last Year
TOTAL	683.8	688.5	678.9	-5.1	24.9
MANUFACTURING	149.1	148.9	148.9	.3	.3
Durable Goods[a]	81.6	81.1	84.0	.1	-.5
Fabricated metal products	10.8	10.9	11.0	-.0	-.1
Fabricated structural metal products	3.9	3.9	4.0	-.0	-.1
Machinery, except electrical	20.8	20.6	21.5	.1	-.8
Metalworking machinery	8.9	8.9	9.6	.0	-.7
General industrial machinery	2.8	2.8	2.9	-.1	-.1
Electric and electronic equipment	7.7	7.8	7.8	-.1	-.1
Transportation equipment	29.1	28.8	28.5	.2	.5
Motor vehicles and equipment	8.8	8.8	10.1	.0	-1.3
Nondurable Goods	65.7	65.8	64.9	-.1	.8
Food and kindred products	13.4	13.3	12.9	.1	.5
Beverages	4.2	4.2	4.2	.0	.0
Apparel and other textile products	3.4	3.5	3.8	-.2	-.3
Paper and allied products	6.3	6.2	6.0	.1	.3
Printing and publishing	12.2	12.4	12.5	-.0	-.3
Commercial printing	5.3	5.3	5.5	-.1	-.1
Chemicals and allied products	22.2	22.1	21.5	.0	.7
Rubber and misc. plastics products	5.7	5.7	5.2	.2	.6
NONMANUFACTURING	534.7	539.5	530.0	-5.1	24.7
CONSTRUCTION	27.1	26.9	25.5	.2	1.6
TRANSPORTATION AND PUBLIC UTILITIES	34.7	34.6	33.9	.1	.8
Trucking and warehousing	10.5	10.5	10.2	.1	.6
Communication, electric, gas services	14.5	14.6	14.8	-.1	-.3
WHOLESALE TRADE	43.1	43.2	41.3	-.0	1.8
Wholesale trade, durable goods	25.6	25.7	24.5	-.1	1.1
RETAIL TRADE	127.7	127.0	120.1	.7	7.6
General merchandise stores	20.5	20.2	19.0	.3	1.5
FINANCE, INSURANCE AND REAL ESTATE	38.1	38.0	35.7	.0	2.3
Banking	8.3	8.4	7.9	-.1	.4
Insurance carriers	12.0	11.9	11.4	.1	.6
SERVICES	162.2	162.3	151.7	-.0	10.6
Hotels and other lodging places	7.2	7.2	6.3	.0	.8
Personal services	8.4	8.4	7.5	.0	.8
Business services	38.9	38.7	33.7	.2	5.2
Amusement and recreation services	9.3	10.6	9.5	-1.3	-.2
Health services	47.8	47.8	46.3	.0	1.5
GOVERNMENT	81.3	77.2	81.1	4.2	.2
Federal government	12.9	12.9	12.8	.0	.1
State government	18.1	17.3	17.7	.8	.4
State government education	10.1	9.2	10.3	.9	-.2
State government, except education	8.0	8.1	7.4	-.1	.6
Local government	50.4	47.0	50.6	3.4	-.2
Local government education	27.9	24.4	28.5	3.5	-.6
Local government, except education	22.5	22.6	22.1	-.1	.4

Cincinnati PMSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Sep., 1986[b]	Aug., 1986[r]	Sep., 1985[r]	Sep., 1986[b]	Aug., 1986[r]	Sep., 1985[r]	Sep., 1986[b]	Aug., 1986[r]	Sep., 1985[r]
MANUFACTURING	$457.07	$462.61	$444.82	42.4	42.6	41.7	$10.78	$10.77	$10.48
Durable Goods[c]	467.80	452.34	447.49	42.8	42.7	41.8	10.93	10.77	10.49
Fabricated metal products	413.69	427.18	427.23	43.6	44.1	43.2	9.49	9.69	9.89
Fabricated structural metal products	438.23	478.14	465.82	44.4	47.2	45.4	9.87	10.13	10.26
Machinery, except electrical	475.80	495.32	455.88	42.6	44.2	41.3	11.17	11.21	11.04
Metalworking machinery	480.27	470.68	448.05	42.1	43.1	41.1	11.41	10.92	10.90
General industrial machinery	423.40	59.15	380.25	43.7	40.3	41.1	9.69	9.39	9.25
Electric and electronic equipment	362.89	342.42	360.75	42.0	39.3	41.6	8.64	8.71	8.67
Transportation equipment	682.78	624.07	602.26	45.4	42.4	41.8	14.56	14.72	14.41
Motor vehicles and equipment	684.46	644.70	617.35	44.8	42.7	44.8	15.40	15.10	14.01
Nondurable Goods	445.62	471.29	442.58	42.1	42.6	41.5	10.61	10.81	10.56
Food and kindred products	450.92	453.41	420.90	44.2	44.2	41.8	10.20	10.26	10.07
Beverages	571.29	527.69	516.73	47.0	43.3	43.7	12.16	12.19	11.82
Apparel and other textile products	224.31	233.75	217.27	37.7	38.6	37.4	5.95	6.06	5.81
Paper and allied products	477.36	465.72	504.54	44.4	41.8	44.4	10.75	11.14	11.36
Printing and publishing	405.60	444.14	403.20	38.9	39.4	39.2	10.43	11.27	10.29
Commercial printing	520.68	554.80	473.68	43.7	44.3	44.1	11.91	12.52	10.74
Chemicals and allied products	541.14	564.16	532.08	42.0	43.2	40.7	12.88	13.06	13.08
Rubber and misc. plastics products	422.31	421.23	364.71	40.6	41.3	41.4	10.40	10.20	8.81
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	520.58	513.65	500.43	38.3	38.3	39.4	13.59	13.41	12.71
WHOLESALE TRADE	382.48	38.28	378.20	40.7	40.4	40.4	9.40	9.48	9.36
RETAIL TRADE[c]	192.30	194.61	186.47	29.7	29.9	30.0	6.48	6.51	6.22
FINANCE, INSURANCE AND REAL ESTATE	.....	.....	.....	....	....	....	.....	.....	.....
Banking	257.40	260.39	241.09	....	....	....	.....	.....	.....

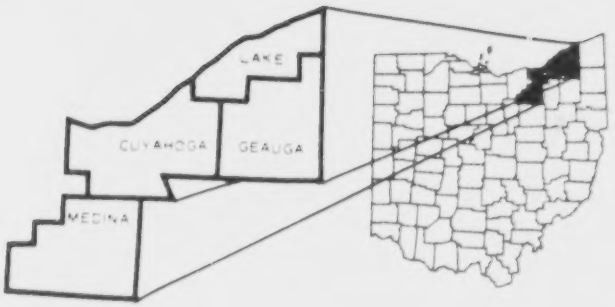
[a]See Technical Notes for concepts. [b]Preliminary. [r]Revised. [c]Based on unrounded figures. [d]Includes lumber and wood products; furniture and fixtures; stone, clay and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing industries. [e]Includes manufactures; textile mill products; petroleum and coal products; leather and leather products. [f]Includes mining. [g]Money payments only; not included. Includes state universities. Excludes hospitals, the agricultural extension service and the Ohio Department of Education. [h]Decreased due to labor-management dispute.

Selected Administrative Program Activities[a]

	September 1986	August 1986	September 1985
Employment Service Program			
New Applicants	4,134	3,822	4,632
Active File of Job Seekers	28,123	28,682	27,658
Referrals to Jobs	2,047	1,934	2,448
Placements	638	662	734
Job Openings Received	1,262	1,084	1,179
Job Openings Unfilled	2,735	2,380	2,704
Unemployment Insurance Program			
Initial Claims	4,213	5,715	4,233
Continued Claims	36,114	38,207	32,961
First Payments	1,858	2,231	1,640
Last Payments	799	858	761
Weeks Compensated	26,222	32,944	26,172
Benefits Paid	$3,702,221	$4,664,310	$3,692,467
Average Weekly Payment	$144.17	$144.53	$140.42

[a]Ohio data only

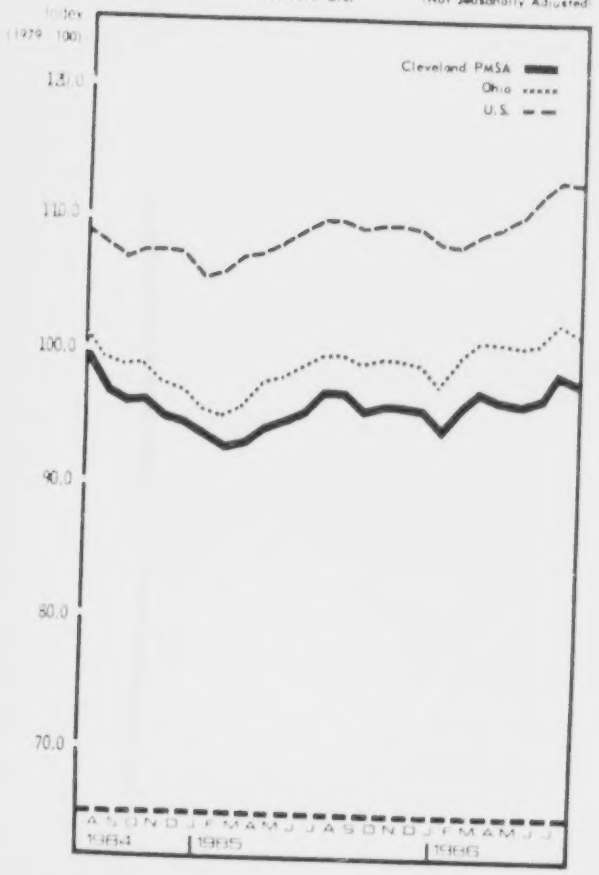
CLEVELAND
PRIMARY METROPOLITAN STATISTICAL AREA



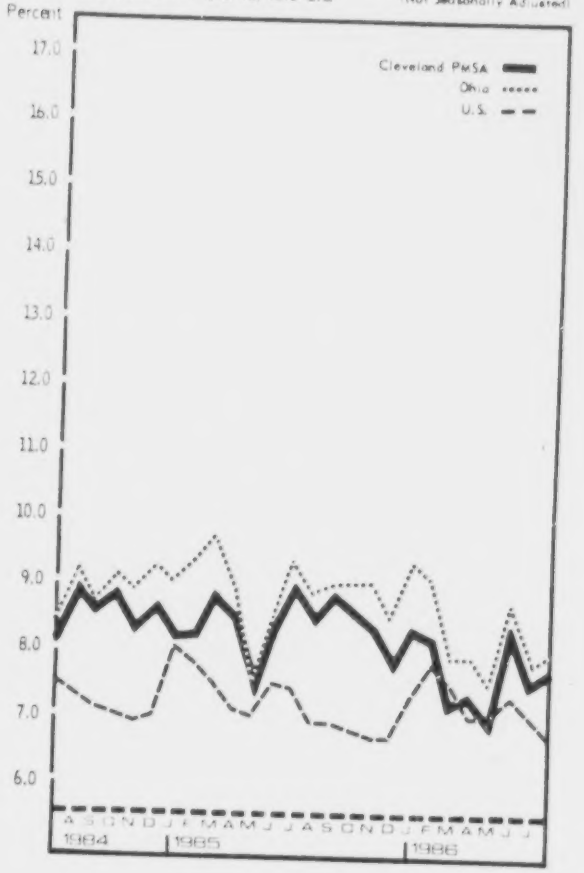
In the Cleveland metropolitan area, nonagricultural wage and salary employment advanced 3,600 over the August level, to 896,500 in September. Nonmanufacturing employment rose 2,000 as services expanded seasonally. Manufacturing employment increased 1,600, to 204,100. Growth in motor vehicles and equipment and rubber and plastics products contributed most, although gains were recorded in most durable-goods industries. Manufacturing production workers earned an average of $11.43 per hour, up slightly from last month. Their average workweek increased .3 hours, to 42.4 hours.

Since September 1985, nonfarm employment advanced 20,400. The most significant gains were noted in services, retail trade, and government. Manufacturing employment declined 5,300 over the period. The loss was concentrated in nonelectrical machinery, instruments and related products, and fabricated metal products.

INDEXES OF TOTAL EMPLOYMENT
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



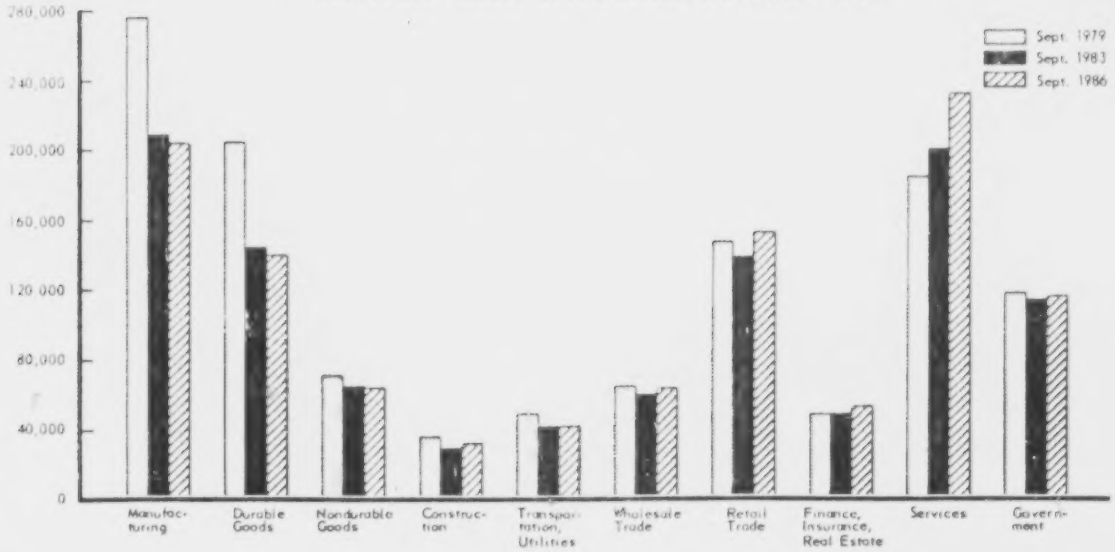
Cleveland PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force				Nonagricultural Wage & Salary Employment					
	Total Employed				Manufacturing Employment				
		Unemployed				Manufacturing Production Workers			
		Total	Rate				Hours and Earnings		
							Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
1978				1978					
1979				1979					
1980				1980					
1981				1981					
1982				1982					
1983				1983					
1984				1984					
1985				1985					
January				January					
February				February					
March				March					
April				April					
May				May					
June				June					
July				July					
August				August					
September				September					
October				October					
November				November					
December				December					
1986				1986					
January				January					
February				February					
March				March					
April				April					
May				May					
June				June					
July				July					
August				August					
September				September					
October				October					
November				November					
December				December					

(NA- information not available)

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CLEVELAND PRIMARY METROPOLITAN STATISTICAL AREA



Cleveland PMSA

Nonagricultural Wage & Salary Employment[a]

	Employment		Change	
TOTAL				
MANUFACTURING				
Durable Goods[b]				
Primary metal industries				
Blast furnace and basic steel products				
Iron and steel foundries				
Fabricated metal products				
Fabricated structural metal products				
Screw machine products, bolts, etc.				
Metal forgings and stampings				
Machinery, except electrical				
Construction and related machinery				
Metalworking machinery				
Special industry machinery				
General industrial machinery				
Electric and electronic equipment				
Electrical industrial apparatus				
Transportation equipment				
Motor vehicles and equipment				
Instruments and related products				
Measuring and controlling devices				
Nondurable Goods				
Food and kindred products				
Apparel and other textile products				
Paper and allied products				
Printing and publishing				
Chemicals and allied products				
Rubber and misc. plastics products				
NONMANUFACTURING				
CONSTRUCTION				
TRANSPORTATION AND PUBLIC UTILITIES				
Trucking and warehousing				
Communication, electric, gas services				
WHOLESALE TRADE				
Wholesale trade-durable goods				
RETAIL TRADE				
General merchandise stores				
FINANCE, INSURANCE, AND REAL ESTATE				
Banking				
Credit agencies other than banks				
Insurance carriers				
SERVICES				
Business services				
Amusement and recreation services				
Health services				
GOVERNMENT	116.1	117.7		
Federal government	22.1	22.0		
State government	7.7	7.7		
State government education	2.1	2.1		
State government, except education	5.5	5.5		
Local government	86.3	88.0		
Local government education	42.6	40.8		
Local government, except education	45.8	49.0		

Hours & Earnings of Production or Nonsupervisory Workers[a]

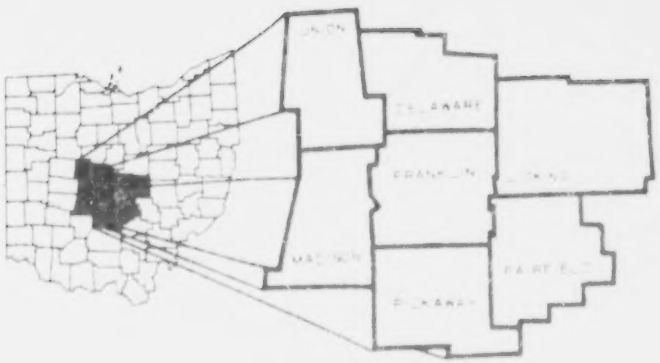
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Sep. [illegible]	Aug. [illegible]	Sep. [illegible]	Sep. [illegible]	Aug. [illegible]	Sep. [illegible]	Sep. [illegible]	Aug. [illegible]	Sep. [illegible]
MANUFACTURING	$484.83	$479.34	$472.52	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Durable Goods*	514.46	509.92	504.14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Primary metal industries	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Blast furnace and basic steel products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Iron and steel foundries	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Fabricated metal products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Fabricated structural metal products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Screw machine products, bolts, etc.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Metal forgings and stampings	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Machinery, except electrical	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Construction and related machinery	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Metalworking machinery	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Special industry machinery	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
General industrial machinery	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Electric and electronic equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Electrical industrial apparatus	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Transportation equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Motor vehicles and equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Instruments and related products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Measuring and controlling devices	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Nondurable Goods	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Food and kindred products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Apparel and other textile products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Paper and allied products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Printing and publishing	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Chemicals and allied products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Rubber and misc. plastics products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WHOLESALE TRADE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
RETAIL TRADE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	[illegible]	[illegible]	[illegible]	....	....	....	.....	.....	.....

[illegible]

Selected Administrative Program Activities

	[illegible]	[illegible]	[illegible]
Employment Service Program			
New Applicants	[illegible]	[illegible]	[illegible]
Active File of Job Seekers	[illegible]	[illegible]	[illegible]
Referrals to Jobs	[illegible]	[illegible]	[illegible]
Placements	[illegible]	[illegible]	[illegible]
Job Openings Received	[illegible]	[illegible]	[illegible]
Job Openings Unfilled	[illegible]	[illegible]	[illegible]
Unemployment Insurance Program			
Initial Claims	7,038	7,435	8,[illegible]
Continued Claims	62,378	56,832	72,47[illegible]
First Payments	2,808	4,074	[illegible]
Last Payments	4,179	1,466	[illegible]
Weeks Compensated	48,878	50,235	54,[illegible]
Benefits Paid	$7,116,308	$6,843,751	$7,[illegible]
Average Weekly Payment	$145.61	$143.11	$[illegible]

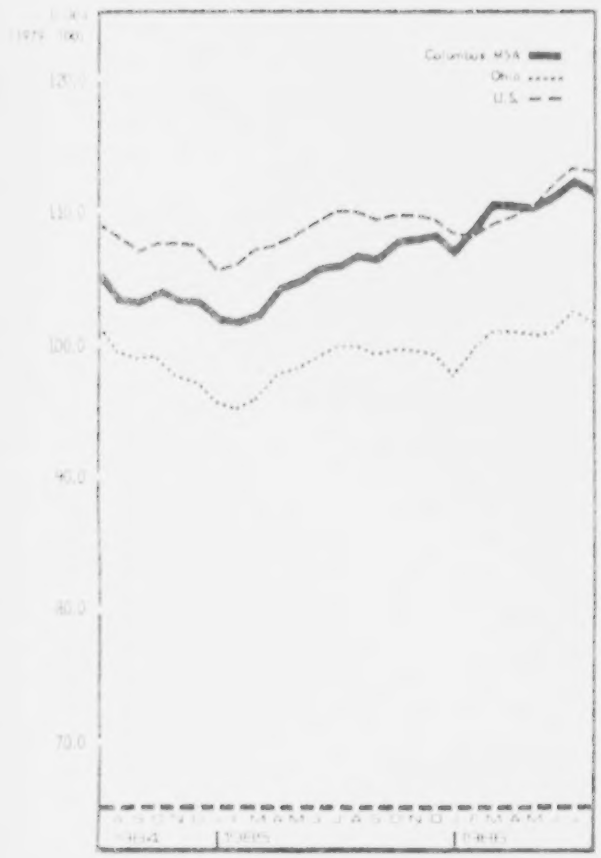
COLUMBUS
METROPOLITAN STATISTICAL AREA



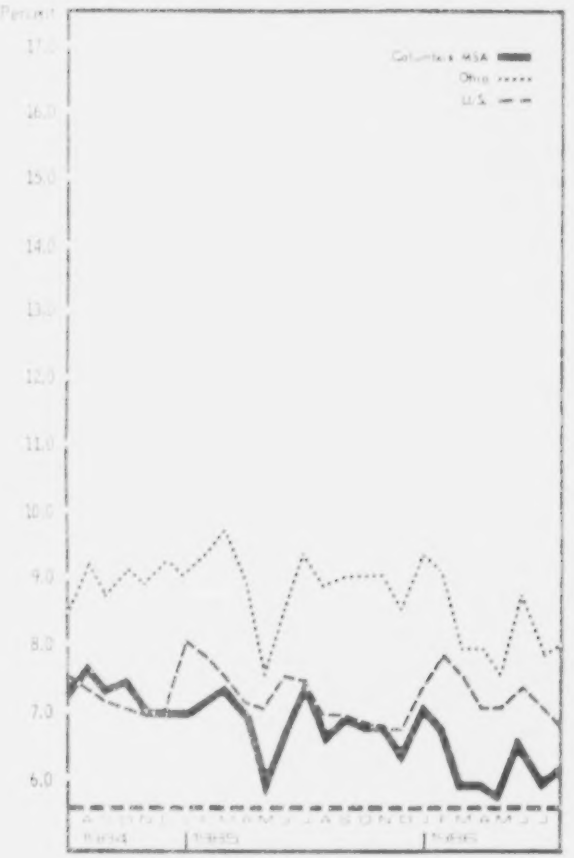
Nonfarm wage and salary employment in the Columbus area totaled 652,200 in September, up 7,600 from August. Nonmanufacturing employment increased by 6,900, due to growth in services and the seasonal return of nonteaching personnel in state and local schools and colleges. Manufacturing employment rose 700. Scattered increases were reported in both durable- and nondurable-goods industries. Manufacturing production workers averaged $11.26 per hour, unchanged from August. The average workweek was 41.4 hours, up .4 hours.

Nonfarm employment is up 35,600 since September 1985. Growth in services and retail trade contributed most to this increase, with government, construction, and finance, insurance, and real estate also expanding over the year. Manufacturing employment declined 1,000, with losses in fabricated metal products, nonelectrical machinery, and electric and electronic equipment overshadowing gains in transportation equipment.

INDEXES OF TOTAL EMPLOYMENT
COLUMBUS MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
COLUMBUS MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



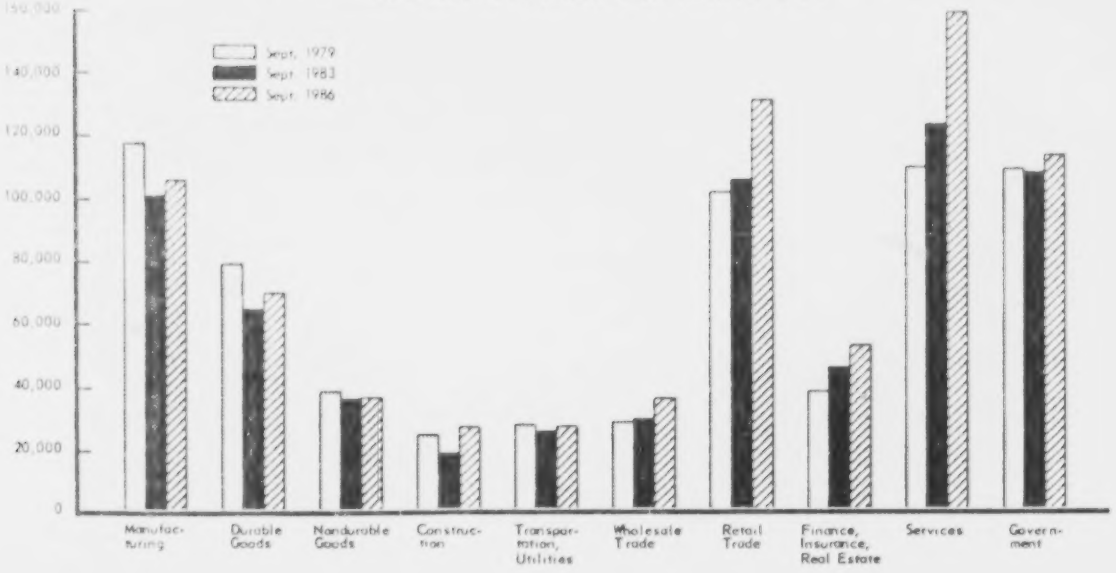
Columbus MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
N/A	N/A	N/A	N/A	1975	488.2	106.6	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	1976	500.0	108.1	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	1977	517.6	111.6	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	1978	543.2	117.0	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	1979	558.5	117.8	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	1980	560.2	113.6	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	1981	556.3	109.1	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	1982	544.3	101.0	N/A	N/A	N/A	N/A
607.7	561.4	46.3	7.6	1983	548.5	98.7	N/A	N/A	N/A	N/A
611.0	564.7	46.2	7.6	1984	578.4	109.7	69.3	$479.08	40.5	$11.82
620.9	580.7	41.7	6.7	1985	598.1	107.1	70.8	442.95	40.3	10.83
				1986						
624.1	581.8	42.3	6.8	August	598.3	110.9	70.7	440.61	40.4	10.77
623.4	583.1	40.2	6.4	September	610.4	108.8	71.6	454.53	41.7	10.80
626.4	587.1	39.3	6.3	October	624.3	105.7	73.2	445.26	41.0	10.86
627.1	590.6	36.5	5.8	November	627.4	106.8	73.1	455.62	41.7	10.95
626.1	589.3	36.8	5.9	December	631.6	107.1	73.0	463.14	41.8	11.08
				1987						
631.1	593.1	38.0	6.0	January	630.8	106.8	72.8	451.35	40.9	11.05
631.6	592.6	39.0	6.2	February	639.7	108.3	73.3	455.48	41.0	11.06
634.4	597.2	37.2	5.9	March	624.3	106.7	71.4	460.50	41.3	11.15
635.0	598.5	36.5	5.7	April	635.3	105.7	70.8	462.44	41.4	11.17
637.0	599.8	37.2	5.8	May	642.6	106.3	72.3	461.44	41.2	11.20
638.7	597.4	41.3	6.5	June	640.8	105.0	69.7	460.43	41.0	11.23
636.4	597.7	38.7	6.1	July	640.3	104.8	69.4	458.18	40.8	11.23
636.1	595.6	41.5	6.5	August	644.6	105.0	69.8	461.66	41.0	11.26
N/A	N/A	N/A	N/A	September	652.2	105.7	70.4	466.16	41.4	11.26

(Last 3 months are preliminary)

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
COLUMBUS METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Columbus MSA

	Employment (in thousands)			Change[a] (in thousands)	
	September 1986[b]	August 1986[c]	September 1985[c]	From Last Month	From Last Year
TOTAL	652.2	644.6	616.4	7.6	35.8
MANUFACTURING	105.7	105.0	105.8	.7	-.1
Durable Goods[d]	69.7	69.2	70.3	.5	-.6
Stone, clay, and glass products	12.2	12.0	12.4	.2	-.2
Glass and glassware, pressed or blown	4.6	4.5	4.8	.1	-.2
Fabricated metal products	9.5	9.4	10.4	.1	-.9
Fabricated structural metal products	3.1	3.1	3.2	.0	-.1
Machinery, except electrical	9.4	9.3	10.4	.1	-1.0
Electric and electronic equipment	10.3	10.1	10.4	.2	-.1
Transportation equipment	16.7	16.4	16.4	.3	.3
Instruments and related products	4.3	4.3	4.2	.0	.1
Nondurable Goods	36.0	35.8	35.5	.2	.5
Food and kindred products	9.7	9.7	9.8	.0	-.1
Printing and publishing	13.0	12.9	12.7	.1	.3
Chemicals and allied products	6.9	6.8	6.9	.1	.0
Rubber and misc. plastics products	5.1	5.0	5.1	.1	.0
NONMANUFACTURING	546.5	539.6	510.6	6.9	35.9
CONSTRUCTION	25.9	26.7	24.0	-.8	1.9
TRANSPORTATION AND PUBLIC UTILITIES	26.7	26.6	26.1	.1	.6
Trucking and warehousing	11.6	11.3	10.9	.3	.7
Communication, electric, gas services	10.7	10.7	11.3	.0	-.6
WHOLESALE TRADE	35.5	35.8	37.9	-.3	-2.4
Wholesale trade-durable goods	23.9	24.1	25.6	-.2	-1.7
RETAIL TRADE	131.2	130.0	122.9	1.2	8.3
General merchandise stores	16.2	15.9	15.8	.3	.4
FINANCE, INSURANCE AND REAL ESTATE	52.7	53.0	49.9	-.3	2.7
Banking	11.4	11.4	11.9	.0	-.5
Insurance carriers	20.4	20.4	19.5	.0	.9
SERVICES	159.1	156.7	142.4	2.4	16.7
Business services	37.4	37.2	31.8	.2	5.6
Health services	38.1	37.8	36.1	.2	2.0
GOVERNMENT	113.4	109.6	108.4	3.8	4.0
Federal government	15.6	15.6	15.1	.0	.5
State government	48.4	48.0	46.2	.4	2.2
State government education	18.3	17.6	17.7	.7	.6
State government, except education	30.1	30.4	28.4	-.3	1.7
Local government	49.4	46.0	48.2	3.4	1.2
Local government education	28.8	25.3	28.4	3.5	.4
Local government, except education	20.6	20.7	19.8	-.1	.8

Columbus MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

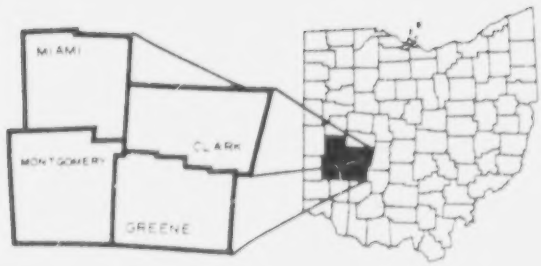
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Sept., 1986	Aug., 1986[r]	Sept., 1985	Sept., 1986[p]	Aug., 1986[r]	Sept., 1985	Sept., 1986	Aug., 1986	Sept., 1985
MANUFACTURING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Durable Goods	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Stone, clay and glass products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Glass and glassware, pressed or blown	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Fabricated metal products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Miscellaneous fabricated products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Machinery, except electrical	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Electrical and electronic equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Transportation equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Instruments and related products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Miscellaneous manufacturing	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Nondurable Goods	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Food and kindred products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Printing and publishing	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Chemicals and allied products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Rubber and miscellaneous plastics products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Transportation and public utilities	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WHOLESALE TRADE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
RETAIL TRADE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
FINANCE, INSURANCE AND REAL ESTATE	.....	.....	.....	....	....	....	.....	.....	.....
Banking	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible] Note: Symbols: ..... Preliminary. Revised. Based on unrounded figures. Includes lumber and wood products, furniture and fixtures, primary metal industries, miscellaneous manufacturing. Includes tobacco manufactures, textile mill products, apparel and other textile products, paper and allied products, petroleum and coal products, leather and leather products. Includes mining. Water, sanitation and sanitary services. Includes State universities, State schools for the deaf and blind, and the State Library. Excludes hospitals, the agricultural experiment stations and agricultural research centers, and the Ohio Department of Education. Depressed due to apparel management disputes.

Selected Administrative Program Activities

	September 1986	August 1986	September 1985
EMPLOYMENT SERVICE PROGRAM			
New Applicants	4,866	5,347	5,193
Active File of Job Seekers	36,664	38,371	32,821
Referrals to Jobs	3,153	4,748	3,193
Placements	1,447	2,724	1,885
Job Openings Received	2,811	4,755	3,340
Job Openings Unfilled	6,854	9,422	6,755
Unemployment Insurance Program			
Initial Claims	4,870	5,548	3,936
Continued Claims	35,318	33,922	33,223
First Payments	1,661	1,807	1,550
Last Payments	498	663	526
Weeks Compensated	25,227	26,530	25,913
Benefits Paid	$3,825,454	$4,079,127	$3,824,642
Average Weekly Payment	$147.37	$148.07	$143.08

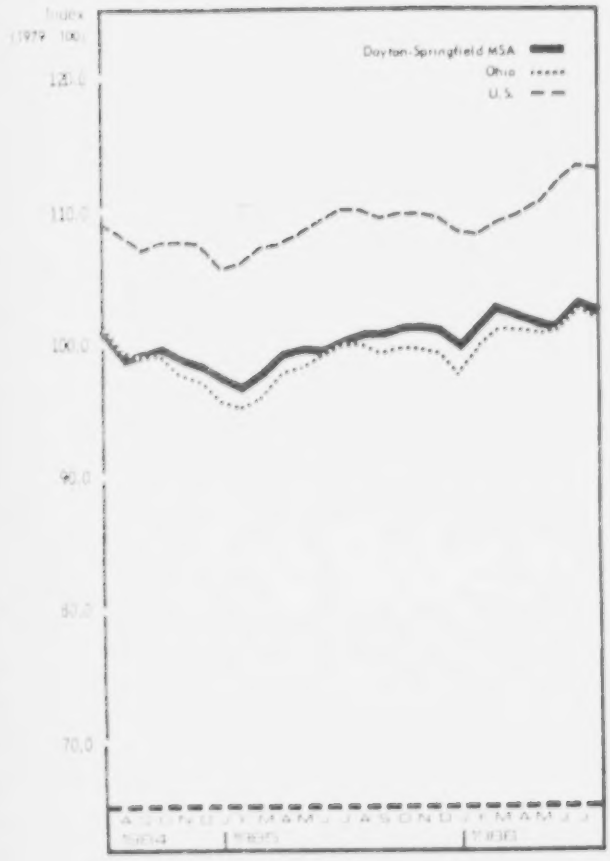
DAYTON - SPRINGFIELD METROPOLITAN STATISTICAL AREA



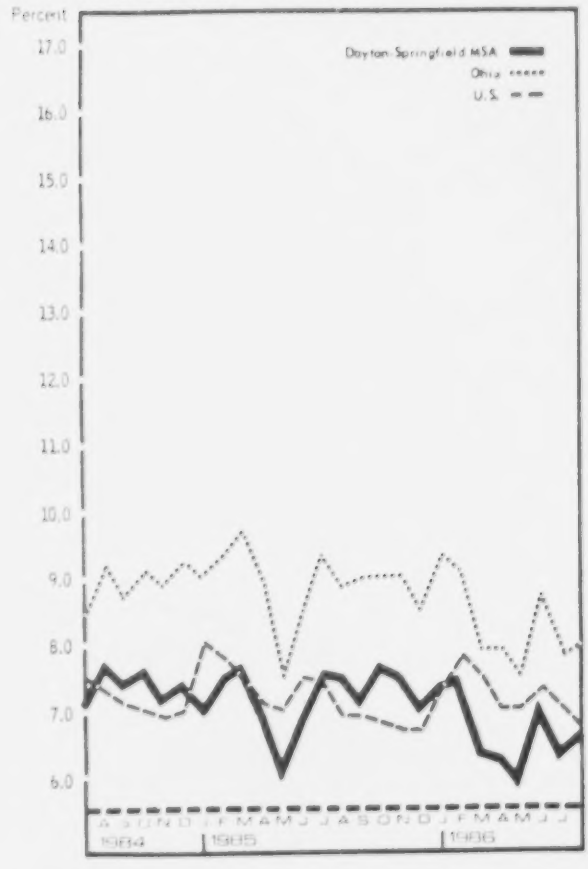
Nonagricultural wage and salary employment in the Dayton-Springfield area totaled 427,400 in September, an increase of 7,200 from August. Employment in nonmanufacturing rose 6,800 over the month with seasonal increases in local schools, and growth in retail trade and services. Manufacturing employment rose 400 from August. The increase occurred in the nondurable-goods sector, especially rubber and plastics products. Production workers in manufacturing earned an average of $12.03 per hour, up $.10 from August. The average workweek increased .7 hours, to 42.8 hours.

Since September 1985, nonagricultural wage and salary employment increased 13,200. Growth in services, retail trade, and construction contributed most to this gain. Over the year, manufacturing employment declined 2,500. The loss was concentrated in nonelectrical machinery.

INDEXES OF TOTAL EMPLOYMENT
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



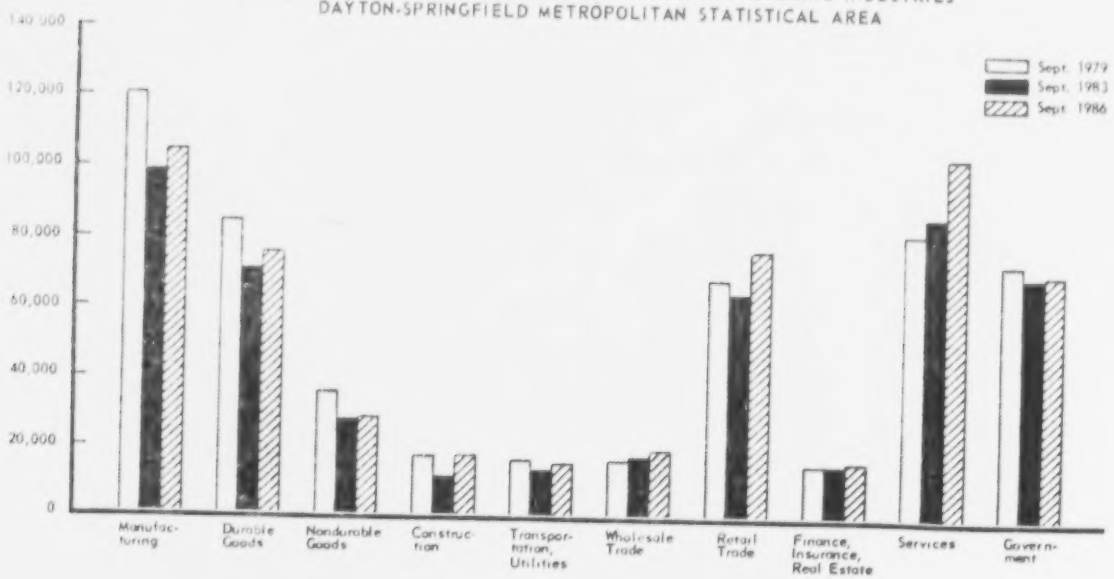
Dayton-Springfield MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

	Civilian Labor Force				Nonagricultural Wage & Salary Employment					
		Total Employed				Manufacturing Employment				
			Unemployed				Manufacturing Production Workers			
			Total	Rate				Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
	INA	INA	INA	INA	1975	360.1	122.5	INA	INA	INA	INA
	INA	INA	INA	INA	1976	370.7	115.3	INA	INA	INA	INA
	INA	INA	INA	INA	1977	383.8	121.8	INA	INA	INA	INA
	INA	INA	INA	INA	1978	401.1	125.0	INA	INA	INA	INA
	INA	INA	INA	INA	1979	408.8	122.7	INA	INA	INA	INA
	INA	INA	INA	INA	1980	397.1	110.3	INA	INA	INA	INA
	INA	INA	INA	INA	1981	393.2	108.3	INA	INA	INA	INA
	INA	INA	INA	INA	1982	354.3	97.3	INA	INA	INA	INA
	438.3	401.3	46.9	10.8	1983	372.3	99.5	INA	INA	INA	INA
	444.0	414.8	35.2	8.0	1984	392.7	103.7	67.7	$480.99	42.8	$11.21
	447.0	413.4	33.5	7.5	1985	407.8	108.4	69.1	517.40	43.2	11.97
					1985						
	444.4	410.4	33.9	7.6	August	409.5	108.4	68.4	503.11	42.6	11.81
	443.3	409.4	33.9	7.6	September	414.2	107.3	69.4	528.77	43.7	12.10
	443.3	409.3	34.0	7.7	October	415.5	107.1	69.5	509.50	42.6	11.96
	443.8	410.4	33.4	7.5	November	417.4	108.0	69.4	518.15	41.0	12.05
	444.3	413.2	31.9	7.0	December	418.2	108.6	68.3	549.32	44.6	12.33
					1986						
	448.1	414.8	33.2	7.4	January	409.9	105.7	68.5	534.45	41.7	12.23
	447.2	412.7	34.5	7.5	February	409.1	105.5	68.3	532.81	43.8	12.16
	445.4	419.9	29.5	6.4	March	413.1	105.2	67.9	526.44	43.4	12.13
	445.1	416.3	28.8	6.3	April	417.0	104.7	67.7	510.85	42.9	12.02
	450.7	424.4	26.5	5.9	May	421.8	104.6	67.5	515.31	42.8	12.04
	451.8	423.0	32.5	7.1	June	413.9	104.6	67.0	518.06	43.1	12.02
	448.4	418.1	29.1	6.3	July	418.0	104.1	66.5	511.28	42.5	12.03
	449.3	419.3	30.4	6.6	August	420.2	104.4	66.6	502.25	42.1	11.93
	INA	INA	INA	INA	September	427.4	104.8	67.2	514.88	42.8	12.03

INA-Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
DAYTON-SPRINGFIELD METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Dayton-Springfield MSA

	Employment (in thousands)			Change[a] (in thousands)	
	September 1986[b]	August 1986[c]	September 1985[c]	From Last Month	From Last Year
TOTAL	427.4	420.2	414.2	7.2	13.2
MANUFACTURING	104.8	104.4	107.3	.4	- 2.5
Durable Goods[e]	75.7	75.7	77.6	.0	- 2.0
Fabricated metal products	8.4	8.6	8.6	- .1	- .2
Machinery, except electrical	31.3	31.5	32.3	- .2	- 1.0
Metalworking machinery	6.9	6.9	7.0	.0	- .1
General industrial machinery	2.6	2.6	2.9	.0	- .3
Electric and electronic equipment	5.1	5.1	5.4	.0	- .3
Electrical industrial apparatus	2.8	2.8	3.0	.0	- .2
Transportation equipment	22.0	21.8	22.0	.2	.0
Nondurable Goods	29.1	28.7	29.6	.4	- .5
Food and kindred products	2.9	2.8	2.8	.1	.1
Paper and allied products	5.7	5.7	5.8	.0	- .1
Printing and publishing	8.6	8.6	8.4	.0	.2
Rubber and misc. plastics products	8.3	8.0	8.5	.3	- .2
NONMANUFACTURING	322.6	315.8	307.0	6.8	15.6
CONSTRUCTION	17.6	17.5	15.2	.1	2.4
TRANSPORTATION AND PUBLIC UTILITIES	15.6	15.5	14.8	.1	.8
Communication, electric, gas services	5.8	5.9	6.0	- .1	- .2
WHOLESALE TRADE	20.1	19.9	19.2	.1	.9
Wholesale trade-durable goods	13.5	13.5	13.0	.0	.5
RETAIL TRADE	77.0	76.3	72.4	.7	4.6
General merchandise stores	11.3	11.1	11.2	.3	.1
FINANCE, INSURANCE, AND REAL ESTATE	17.4	17.6	16.9	- .1	.6
Banking	4.3	4.3	4.2	.0	.1
Credit agencies other than banks	4.8	4.8	4.4	.0	.4
Insurance carriers	2.7	2.7	2.8	- .1	- .1
SERVICES	103.8	101.6	96.4	2.3	7.4
Business services	24.6	24.2	21.2	.3	3.4
Health services	34.4	34.4	33.6	.1	.8
Educational services	8.1	5.8	6.9	2.3	1.2
GOVERNMENT	70.6	67.0	71.5	3.8	- .8
Federal government	27.5	27.7	28.2	- .1	- .7
State government	5.9	6.0	5.7	- .1	.2
State government education	3.3	3.2	3.1	.0	.2
State government, except education	2.6	2.7	2.6	- .1	.0
Local government	37.2	33.3	37.6	3.9	- .4
Local government education	22.9	18.5	23.3	4.5	- .3
Local government, except education	14.3	14.9	14.4	- .6	- .1

Dayton-Springfield MSA

Hours & Earnings of Production or Nonsupervisory Workers[1]

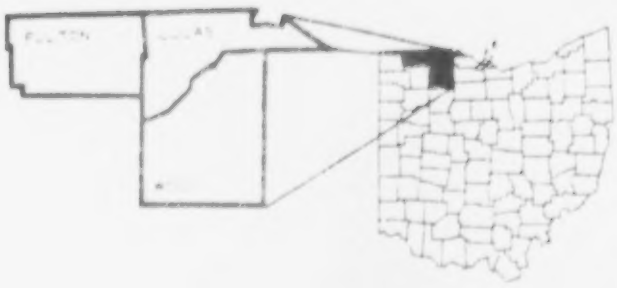
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MANUFACTURING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Durable Goods[2]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Fabricated metal products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Machinery, except electrical	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Metalworking machinery	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
General industrial machinery	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Electric and electronic equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Electrical industrial apparatus	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Transportation equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Nondurable Goods	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Food and kindred products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Paper and allied products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Printing and publishing	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Rubber and misc. plastics products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TRANSPORTATION AND PUBLIC UTILITIES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Communication, electric, gas and sanitary	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WHOLESALE TRADE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
RETAIL TRADE[3]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[1]See Technical Notes for January Publication. [2]Includes other industries not shown separately. [3]Includes other industries not shown separately.

Selected Administrative Program Activities

	September 1986	August 1986	September 1985
Employment Service Program			
New Applicants	2,034	2,893	2,897
Active File of Job Seekers	25,716	25,847	22,853
Referrals to Jobs	1,402	2,130	1,390
Placements	298	437	309
Job Openings Received	1,716	1,928	1,133
Job Openings Unfilled	1,944	1,328	1,630
Unemployment Insurance Program			
Initial Claims	3,044	4,804	3,188
Continued Claims	18,825	25,416	22,127
First Payments	1,319	1,829	1,161
Last Payments	417	460	377
Weeks Compensated	17,290	20,516	16,884
Benefits Paid	$2,344,341	$2,776,082	$2,238,131
Average Weekly Payment	$136.80	$138.02	$133.42

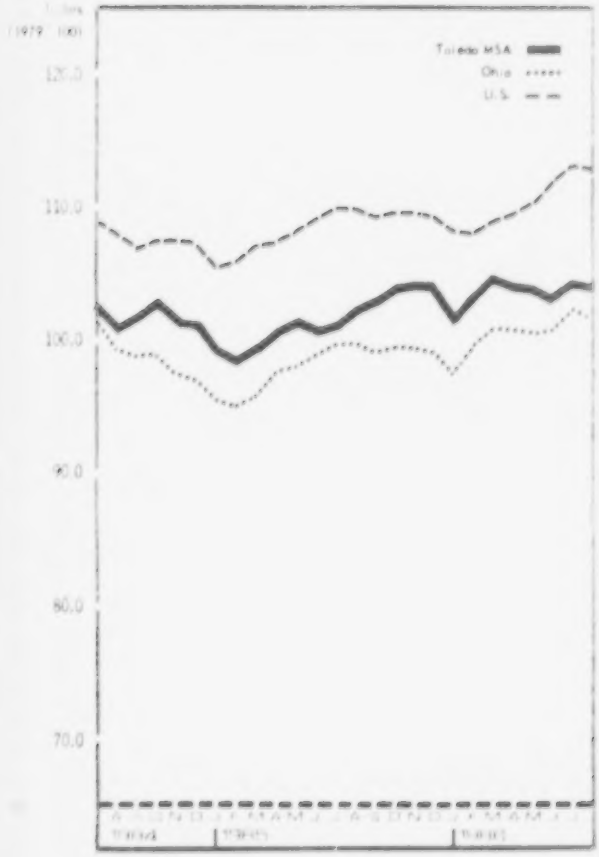
TOLEDO
METROPOLITAN STATISTICAL AREA



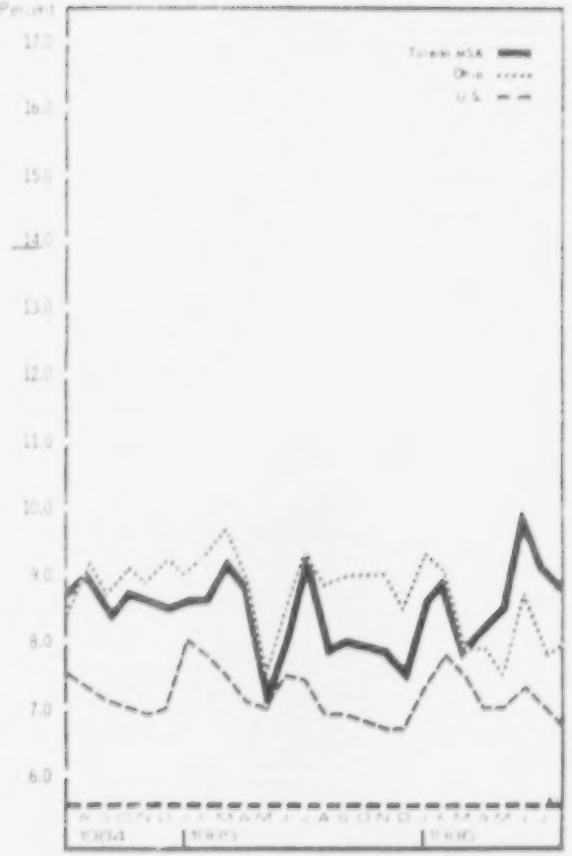
Nonagricultural wage and salary employment in the Toledo area increased 5,700 from last month to a September level of 276,900. Nonmanufacturing employment rose 5,500 due chiefly to the seasonal return of nonteaching personnel to state and local schools. Manufacturing gained 200 workers, with all divisions steady or showing slight gains. Manufacturing production workers earned an average of $12.30 per hour, down $.02 from last month. Their average workweek increased by .5 hours to 42.7 hours.

Between September 1985 and September 1986, nonagricultural wage and salary employment rose 7,100. The increase occurred in nonmanufacturing, with significant gains reported in services (+5,000) and retail trade (+2,800). Manufacturing employment declined by 4,900, due largely to losses in motor vehicles and equipment.

INDEXES OF TOTAL EMPLOYMENT
TOLEDO MSA, OHIO, AND U.S. (Not Seasonally Adjusted)

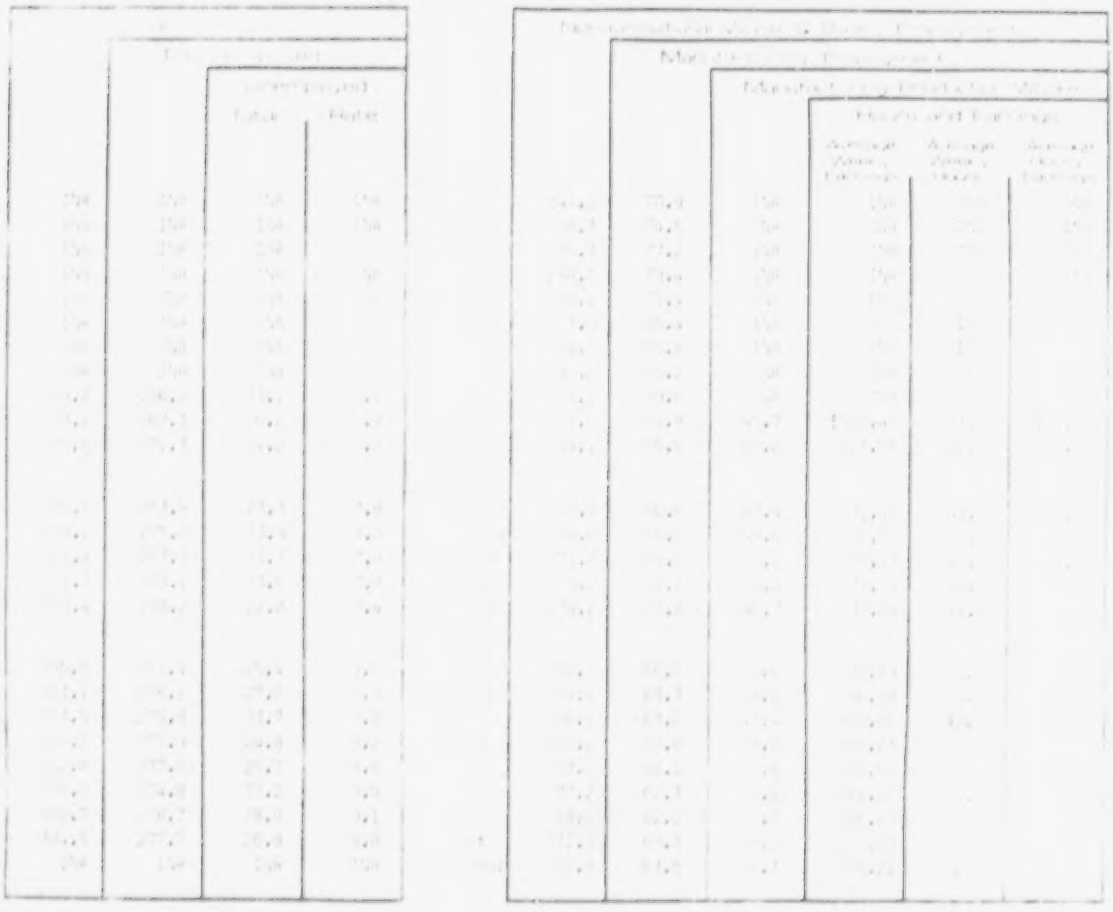


UNEMPLOYMENT RATES
TOLEDO MSA, OHIO, AND U.S. (Not Seasonally Adjusted)

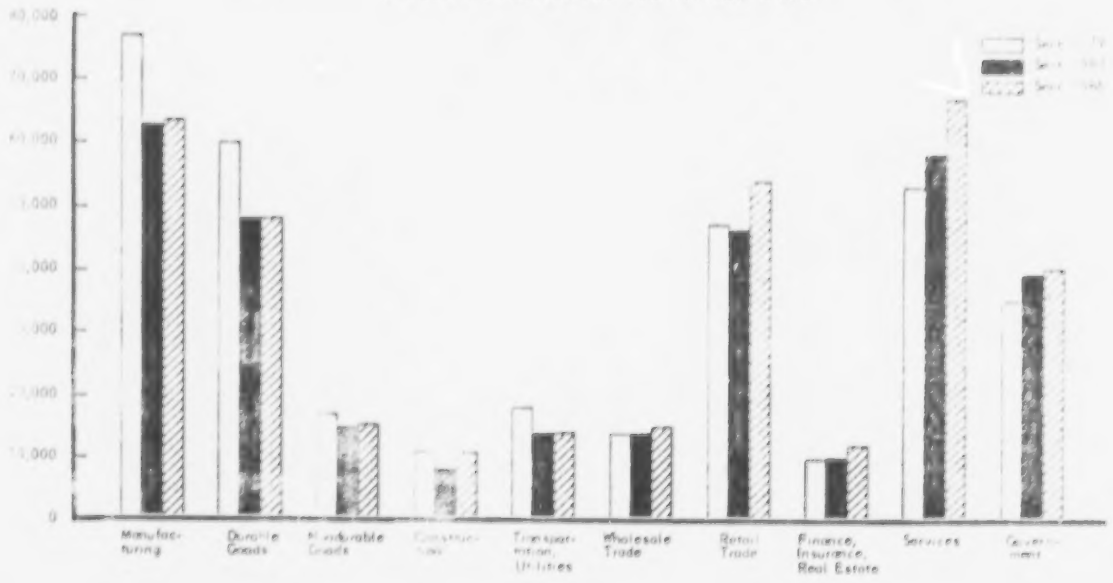


Toledo MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)



EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
TOLEDO METROPOLITAN STATISTICAL AREA



Toledo MSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	September 1986[b]	August 1986[c]	September 1985[c]	From Last Month	From Last Year
TOTAL	276.8	271.3	269.8	5.7	7.1
MANUFACTURING	63.5	63.3	68.0	.2	- 4.5
Durable Goods[e]	48.0	47.8	53.4	.1	- 5.4
Stone, clay, and glass products	8.7	8.8	8.9	-.0	- .2
Primary metal industries	3.3	3.2	3.6	.2	- .3
Fabricated metal products	7.8	7.8	8.0	.0	- .2
Metal forgings and stampings	3.5	3.4	3.7	.1	- .2
Machinery, except electrical	6.0	5.9	6.2	.1	- .2
Electric and electronic equipment	2.8	2.8	3.1	.0	- .3
Transportation equipment	15.3	15.3	19.6	.0	- 4.3
Motor vehicles and equipment	14.3	14.4	18.5	-.2	- 4.2
Nondurable Goods[f]	15.5	15.4	14.6	.1	.8
Food and kindred products	4.8	4.8	4.5	.1	.4
Rubber and misc. plastics products	3.2	3.2	2.8	.1	.4
NONMANUFACTURING[g]	213.4	208.0	201.8	5.5	11.7
CONSTRUCTION	10.6	10.6	9.4	.1	1.2
TRANSPORTATION AND PUBLIC UTILITIES	14.2	14.1	13.9	.1	.3
Trucking and warehousing	5.7	5.7	5.4	.1	.3
Communication, electric, gas services	4.7	4.7	4.7	.0	.0
WHOLESALE TRADE	15.2	15.3	15.0	- .1	.2
Wholesale trade-durable goods	10.1	10.1	10.1	- .1	.0
RETAIL TRADE	53.9	53.6	51.0	.3	2.9
General merchandise stores	7.2	7.1	7.2	.1	.0
FINANCE, INSURANCE, AND REAL ESTATE	11.6	11.6	10.4	.0	1.2
Banking	4.0	4.0	3.4	.0	.6
SERVICES	67.4	66.7	62.5	.7	5.0
Business services	12.8	12.7	11.3	.1	1.6
Health services	25.6	25.5	24.7	.0	.9
GOVERNMENT	40.3	36.0	39.3	4.3	1.0
State government	14.3	11.5	13.9	2.8	.4
State government education	10.3	7.4	10.0	2.8	.2
State government, except education	4.0	4.1	3.9	- .1	.2
Local government	23.5	21.9	22.9	1.6	.6
Local government education	13.4	11.5	12.9	1.8	.5
Local government, except education	10.1	10.4	10.0	- .3	.1

Toledo MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

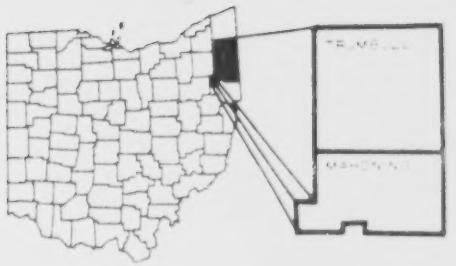
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Sep. 1986[b]	Aug. 1986[c]	Sep. 1985[c]	Sep. 1986[b]	Aug. 1986[c]	Sep. 1985[c]	Sep. 1986[b]	Aug. 1986[c]	Sep. 1985[c]
MANUFACTURING	$525.21	$519.90	$536.60	42.7	42.2	43.1	$12.30	$12.32	$12.45
Durable Goods[d]	560.30	547.36	568.11	43.3	42.3	43.6	12.94	12.94	13.03
Stone, clay, and glass products	545.54	539.61	548.53	43.4	43.1	43.1	12.57	12.52	12.75
Primary metal industries	518.47	485.83	517.04	45.4	43.3	46.0	11.42	11.22	11.24
Fabricated metal products	531.57	506.20	485.55	43.5	41.8	41.5	12.22	12.11	11.70
Metal forgings and stampings	611.83	627.30	564.07	44.4	45.0	42.7	13.78	13.94	13.21
Machinery, except electrical	462.59	483.68	443.72	41.6	41.4	41.9	11.12	11.20	10.59
Electric and electronic equipment	592.30	565.92	480.77	44.4	43.2	41.0	13.34	13.10	11.97
Transportation equipment	657.71	653.31	684.62	43.1	42.7	45.1	15.26	15.30	15.18
Motor vehicles and equipment	660.72	656.30	687.78	43.1	42.7	45.1	15.33	15.37	15.25
Nondurable Goods	420.04	433.26	411.35	41.1	41.7	41.3	10.22	10.39	9.96
Food and kindred products	443.72	469.37	422.01	41.[illegible]	43.3	42.8	10.77	10.84	9.86
Rubber and misc. plastics products	312.04	319.58	311.84	39.[illegible]	40.3	39.2	7.86	7.93	7.95
TRANSPORTATION AND PUBLIC UTILITIES	*****	*****	*****	****	****	****	*****	*****	*****
Communication, electric, gas services	648.48	624.66	581.19	44.7	43.5	43.6	14.53	14.36	13.33
WHOLESALE TRADE	355.88	347.97	335.17	38.6	37.7	37.2	9.22	9.23	9.01
RETAIL TRADE[e]	165.73	157.11	156.11	29.0	28.7	28.4	5.37	5.29	5.31

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	September 1986	August 1986	September 1985
Employment Service Program			
New Applicants	2,880	2,434	2,760
Active File of Job Seekers	25,421	25,651	24,947
Referrals to Jobs	2,306	2,182	2,032
Placements	1,371	571	662
Job Openings Received	1,911	1,138	1,064
Job Openings Unfilled	1,304	1,024	1,890
Unemployment Insurance Program			
Initial Claims	3,121	6,683	3,204
Continued Claims	23,955	33,949	18,426
First Payments	899	3,711	842
Last Payments	490	853	312
Weeks Compensated	17,432	29,426	13,605
Benefits Paid	$2,544,866	$3,877,405	$1,824,688
Average Weekly Payment	$149.62	$156.10	$137.74

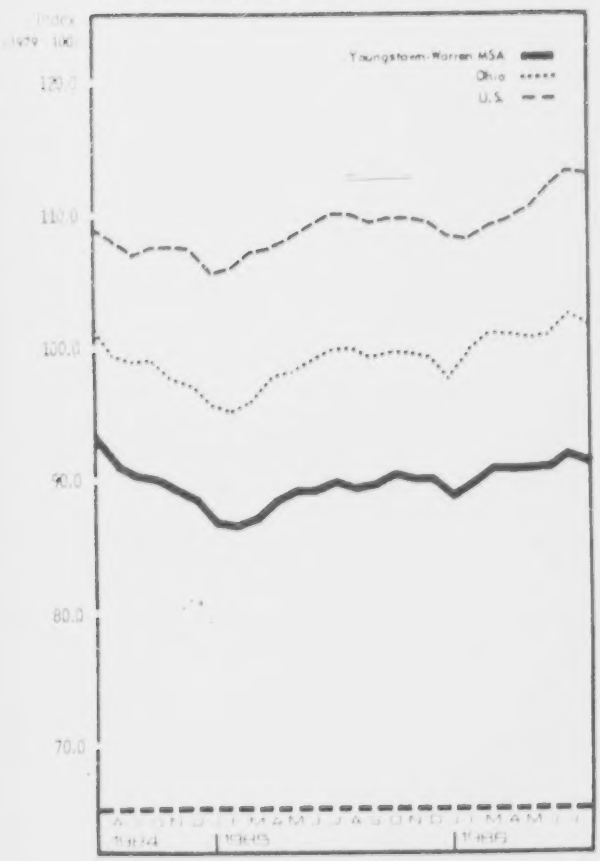
YOUNGSTOWN - WARREN METROPOLITAN STATISTICAL AREA



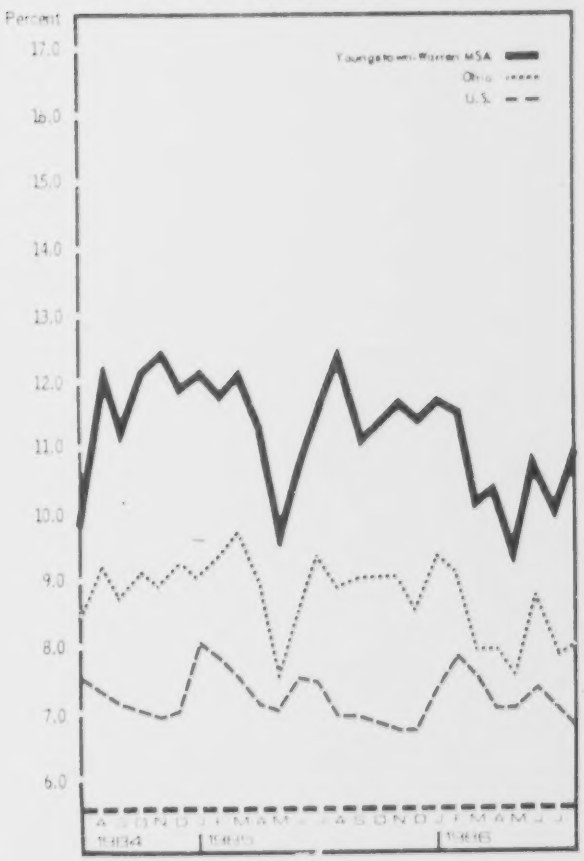
Nonagricultural wage and salary employment in the Youngstown-Warren area increased by 3,500 from August, to 192,100 in September. Nonmanufacturing employment increased by 2,700, to a level of 140,100. Most of the increase was due to the return of nonteaching personnel at the beginning of the school year. Manufacturing rose 800 over the month, as employment expanded slightly in primary metal industries. Production workers earned $13.29 per hour, up $.19. They averaged a 41.8 hour workweek, up .5 hours from August.

From September 1985 to September 1986, nonagricultural wage and salary employment rose 5,700. The largest increases occurred in services (+3,200) and retail trade (+1,300). Most durable-goods producers posted slight employment declines over the year.

INDEXES OF TOTAL EMPLOYMENT
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



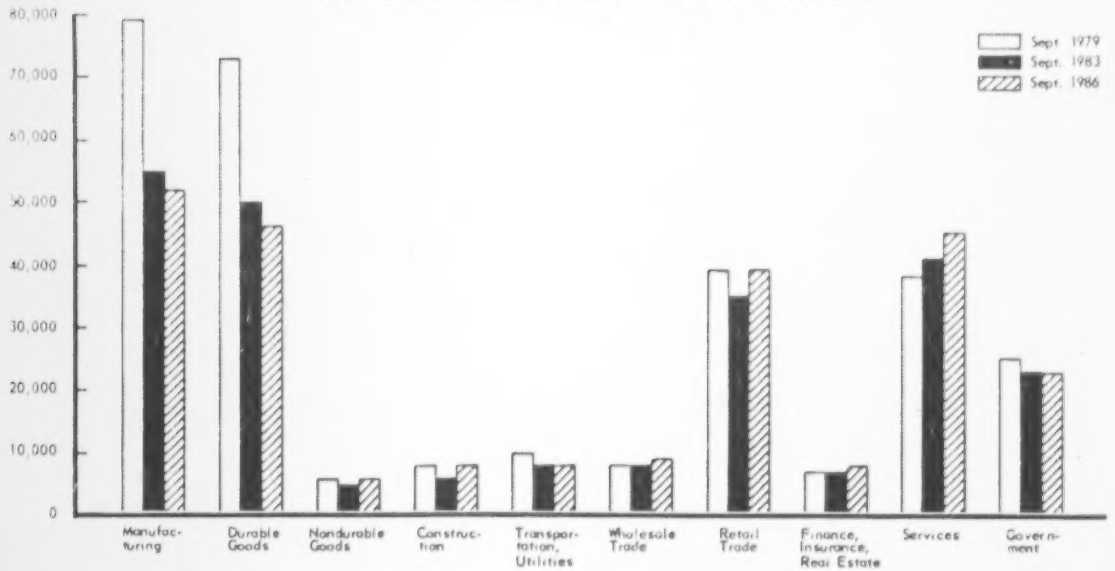
Youngstown-Warren MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
239.7	208.8	26.9	11.4	1975	200.7	80.8	63.3	$240.85	38.6	$ 6.39
234.2	210.5	23.7	10.1	1976	203.5	80.6	63.3	277.29	39.5	7.02
234.0	215.0	19.0	8.1	1977	208.0	81.1	63.6	313.50	40.4	7.76
235.2	217.5	17.7	7.5	1978	210.3	79.4	62.5	353.56	41.4	8.54
237.1	219.9	17.1	7.2	1979	213.9	79.9	62.5	377.29	40.7	9.27
238.9	210.5	28.4	11.9	1980	203.1	70.8	54.1	409.77	39.9	10.27
234.0	205.7	28.2	12.1	1981	198.7	67.3	50.8	474.10	40.8	11.62
237.0	190.3	46.6	19.7	1982	180.6	52.9	38.1	460.60	39.3	11.72
229.6	188.1	37.5	16.6	1983	177.5	52.8	36.6	521.20	42.1	12.38
222.2	195.9	26.2	11.8	1984	182.5	55.1	41.8	555.97	43.3	12.84
220.1	195.2	24.9	11.3	1985	183.9	52.5	39.6	570.64	43.1	13.24
				1985						
223.7	196.0	27.7	12.4	August	181.3	49.4	35.5	535.35	41.5	12.90
221.5	197.2	24.4	11.0	September	186.5	51.2	33.9	552.82	42.2	13.10
224.0	198.6	25.4	11.3	October	187.8	53.3	40.0	589.63	44.4	13.28
223.4	197.5	25.9	11.6	November	187.7	52.7	38.5	598.42	44.6	13.47
223.5	197.8	25.2	11.3	December	188.3	52.8	39.7	614.44	44.3	13.87
				1986						
220.5	194.3	25.5	11.6	January	186.2	52.8	39.5	574.01	42.3	13.57
223.1	196.9	25.2	11.4	February	183.2	51.3	38.7	570.12	42.2	13.51
221.6	199.5	22.1	10.0	March	184.5	51.6	38.5	549.61	41.2	13.34
221.8	198.8	22.9	10.3	April	187.0	51.4	38.3	542.93	41.1	13.21
219.5	198.4	20.1	9.2	May	190.1	52.9	38.8	533.79	40.5	13.18
224.2	200.1	24.1	10.8	June	190.9	51.8	38.7	539.97	41.0	13.17
224.8	202.6	22.2	9.9	July	188.8	51.2	38.7	542.93	41.1	13.21
225.8	201.2	24.6	10.9	August	188.6	51.3	38.3	541.03	41.3	13.10
NA	NA	NA	NA	September	192.1	52.1	39.2	565.52	41.8	13.29

NA information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
YOUNGSTOWN-WARREN METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Youngstown-Warren MSA

	Employment (in thousands)			Change[d] (in thousands)	
	September 1986[b]	August 1986[c]	September 1985[c]	From Last Month	From Last Year
TOTAL	192.1	188.6	186.5	3.5	5.7
MANUFACTURING	52.1	51.3	51.2	.8	- 1.1
Durable Goods[e]	46.4	45.7	47.9	.6	- 1.5
Primary metal industries	20.4	19.8	20.5	.6	- .1
Blast furnace and basic steel products	6.8	6.7	6.4	.1	.4
Fabricated metal products	7.4	7.3	7.8	.1	- .4
Machinery, except electrical	3.3	3.3	3.7	- .1	- .5
Electric and electronic equipment	2.5	2.4	2.8	.1	- .3
Transportation equipment	8.8	8.8	8.9	.0	- .1
Nondurable Goods	5.7	5.5	5.4	.2	.7
NONMANUFACTURING	140.1	137.4	133.2	2.7	6.8
CONSTRUCTION	8.1	8.1	7.4	- .2	.7
TRANSPORTATION AND PUBLIC UTILITIES	7.9	7.9	7.6	.0	.3
Communication, electric, gas services	3.0	3.1	3.1	- .2	- .0
WHOLESALE TRADE	9.2	9.3	9.1	- .1	.2
Wholesale trade-durable goods	6.2	6.2	6.1	- .1	.1
RETAIL TRADE	38.0	38.0	37.6	.0	1.3
General merchandise stores	5.4	5.4	5.8	.1	- .4
FINANCE, INSURANCE AND REAL ESTATE	7.8	8.0	7.6	- .1	.4
Banking	2.6	2.7	2.6	- .0	.1
SERVICES	44.9	43.7	41.7	1.2	3.2
Health services	18.4	17.9	18.0	.5	.4
GOVERNMENT	22.5	20.6	21.7	1.9	.8
State government	3.0	3.2	2.6	- .2	.4
State government education	1.5	1.6	1.1	- .1	.4
State government, except education	1.5	1.6	1.5	- .1	.0
Local government	17.5	15.4	17.2	2.1	.3
Local government education	11.0	8.8	10.8	2.2	.3
Local government, except education	6.5	6.6	6.4	- .1	.0

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Sep.[b] 1986	Aug.[c] 1986	Sep.[c] 1985	Sep.[b] 1986	Aug.[c] 1986	Sep.[c] 1985	Sep.[b] 1986	Aug.[c] 1986	Sep.[c] 1985
MANUFACTURING	$565.52	$541.03	$552.82	41.8	41.3	42.2	$13.39	$13.10	$13.10
Durable Goods[d]	575.93	558.59	571.13	42.1	41.5	42.4	13.68	13.46	13.47
Primary metal industries	593.69	584.75	581.40	41.2	40.7	40.8	14.41	14.51	14.25
Blast furnace and basic steel products	613.62	601.39	475.52	41.8	40.8	35.7	14.68	14.74	13.32
Fabricated metal products	541.37	536.48	542.94	41.2	41.1	40.7	13.14	13.05	13.34
Machinery, except electrical	460.40	461.35	461.70	40.6	40.9	40.5	11.34	11.28	11.40
Electric and electronic equipment	429.07	407.79	384.43	40.1	39.4	38.1	10.70	10.35	10.09
Transportation equipment	884.00	840.01	713.72	45.6	44.6	48.3	19.00	18.78	14.80
Nondurable Goods[e]	356.30	358.59	383.53	39.6	39.6	39.8	9.27	9.29	9.19
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	533.28	524.21	527.72	40.4	40.2	41.1	13.20	13.04	12.84
WHOLESALE TRADE	339.48	333.59	315.17	38.4	38.3	37.7	8.84	8.71	8.36
RETAIL TRADE[f]	166.40	168.26	165.25	29.7	30.1	29.3	5.87	5.79	5.84

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products, furniture and fixtures, stone, clay, and glass products, instruments and related products, miscellaneous manufacturing. [f]Includes food and kindred products, tobacco manufactures, textile mill products, apparel and other textile products, paper and allied products, printing and publishing, chemicals and allied products, petroleum and coal products, rubber and miscellaneous plastics products, leather and leather products. [g]Includes mining. [h]Wage payments only, tips not included. [i]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	September 1986	August 1986	September 1985
Employment Service Program			
New Applicants	2,575	2,484	3,244
Active File of Job Seekers	31,857	31,863	28,909
Referrals to Jobs	1,477	1,977	2,438
Placements	473	803	1,311
Job Openings Received	657	1,043	1,537
Job Openings Unfilled	664	664	655
Unemployment Insurance Program			
Initial Claims	3,681	9,775	3,893
Continued Claims	19,401	33,999	21,151
First Payments	1,023	5,754	1,492
Last Payments	326	379	320
Weeks Compensated	15,956	26,941	16,948
Benefits Paid	$2,184,907	$4,202,917	$2,460,564
Average Weekly Payment	$142.24	$159.89	$149.82

Technical Notes

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of persons 16 years of age and over employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Labor Market Information Division of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D.C., 1972, amended 1977) used for classification.

Coverage.—Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 10,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	41
Manufacturing	60
Nonmanufacturing	35
Mining	50
Construction	20
Transportation and Public Utilities	43
Wholesale Trade	19
Retail Trade	21
Finance, Insurance, and Real Estate	44
Services and Miscellaneous	24
Government	70

Nonagricultural Employment.—Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\text{Total Employment (current month)} = \text{Total Employment (previous month)} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law. Data are based on March 1985 benchmark.

Seasonally Adjusted Estimates

To facilitate interpretation of underlying economic trends, Civilian Labor Force and Division-level Nonagricultural Wage and Salary Employment series are presented with short-term effects of seasonal patterns removed. For methodology, see January 1986 issue.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow.

Production Workers.—Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspecting, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.—Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for Social Security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.—Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Ohio

Selected Employment Service Activities

	September 1986	August 1986	September 1985
New Applicants	68,736	70,495	81,382
Active File of Job Seekers	397,975	419,880	560,496
Counseling Interviews	*	7,716	9,152
Tests Administered	*	1,997	2,137
General Aptitude Tests	*	38	1,041
Proficiency Tests	1,001	1,959	1,096
Specific Aptitude Tests	*	0	0
Referrals to Jobs	11,777	12,477	20,731
Placements	*	11,136	10,409
Job Openings Received	7,243	10,417	8,794
Job Openings Unfilled	*	19,880	14,431

Selected Unemployment Insurance Activities

	September 1986	August 1986	September 1985
Initial Claims	62,981	66,366	80,043
Continued Claims	408,524	433,004	405,892
First Payments	18,698	32,178	21,483
Last Payments	7,824	8,277	8,277
Average Weekly Claimants	92,474	104,784	97,478
Average Weekly Benefit Recipients	73,023	82,718	73,369
Weeks Compensated	298,143	380,260	313,371
Benefits Paid	$42,333,160	$52,508,690	$46,261,139
Average Weekly Payment	$148.77	$149.14	$147.63
Continued Claims for Survey Week	30,358	33,627	37,442
Insured Unemployment Rate	2.2	2.5	2.4
Net Contributions	$4,877,117	$147,834,564	$4,500,017
Active Employer Accounts	193,539	193,196	189,340

*Revised.

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